C Number:	MG96005
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

CD Rat Male
F1 0PPM

DAY ON TEST	022 7	027 5	036 4	005 7	043 3	043 6	047 5	048 5	056 9	057 2	057 8	059 8	066 9	068 2	069 7	071 2	072 7	073 0	073 7	073 7	073 7	073 8	073 8	073 9	073 9	073 9	073 9	073 8	073 8	073 9	073 9
ANIMAL ID	00041	00052	00065	00075	00100	00103	00119	00123	00179	00186	00191	00212	00322	00359	00385	00407	00438	00458	00460	00470	00471	00517	00518	00563	00569	00570	00572	00575	00576	00593	00603
Alimentary System																															
Esophagus	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis								2	2		2		2																		
Intestine Large, Cecum	+	+	A	+	A	M	A	A	A	+	A	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																										2	2				
Intestine Large, Colon	+	+	A	+	A	+	A	A	A	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																															
Intestine Large, Rectum				+													A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	A	+	A	+	A	A	A	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Serosa, Polyarteritis																															
Intestine Small, Ileum	+	+	A	+	A	+	A	A	A	+	A	+	A	A	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																											2				
Intestine Small, Jejunum	+	+	A	+	A	+	A	A	A	+	A	+	A	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																							2								
Liver	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Autolysis			2				4											2													
Basophilic Focus																				X											
Bile Duct, Hyperplasia	1									2		1											1				1	1		1	
Biliar Tract, Fibrosis																							1				2				
Capsule, Fibrosis																															
Clear Cell Focus																															

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CD Rat Male
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Degeneration, Cystic																		1	2												
Developmental Malformation																				X											
Eosinophilic Focus																							X								
Eosinophilic Focus, Multiple																											X				
Hematopoietic Cell Proliferation																											1				
Hemorrhage																															
Hepatodiaphragmatic Nodule																									X						
Infiltration Cellular, Lymphocyte															1							1									
Inflammation, Chronic Active												2	1						1					1					1		
Mineralization		1																													
Necrosis													2											1							
Tension Lipidosis															3										3						
Vacuolization Cytoplasmic		1																	2		2						2				
Mesentery		+																													
Fat, Necrosis		3																													
Pancreas	+	+	A	+	A	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		1							2	1		1	2	2		1	3	3	1			2			2		1		4	1	
Autolysis									3								3	2													
Basophilic Focus																															
Infiltration Cellular, Lymphocyte															1																
Inflammation, Chronic Active																						1									
Inflammation, Granulomatous																															
Pigmentation												1																			

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ANIMAL ID	00041	00052	00065	00075	00100	00103	00119	00123	00179	00186	00191	00212	00322	00359	00385	00407	00438	00458	00460	00470	00471	00517	00518	00563	00569	00570	00572	00575	00576	00593	00603
Salivary Glands	+	+	A	+	A	+	A	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	A	+	A	+	A	A	A	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst, Squamous																					X										
Hyperplasia																											2				
Inflammation, Chronic Active																											2				
Stomach, Glandular	+	+	A	+	A	+	A	A	A	+	A	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis							4																								
Cardiomyopathy									1	1				1			1		2	1		1	1	1							
Epicardium, Hyperplasia																												1			
Metaplasia, Osseous														1																	
Mineralization																						1									
Endocrine System																															
Adrenal Cortex	+	+	A	+	A	+	+	+	+	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																								X							
Angiectasis																					2										
Degeneration, Cystic																												4			
Hyperplasia																				2						2					
Hypertrophy																											1				
Vacuolization Cytoplasmic	2					1			2	2					2							2		1			2				

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Adrenal Medulla	+	+	A	M	A	+	A	+	+	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																						1									
Cyst																															
Hyperplasia															1					1	2			2			2				
Islets, Pancreatic	+	+	+	+	A	+	A	+	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1	2						1			2				1				1			1	1	3			1			
Parathyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	M
Bilateral, Hyperplasia		2								2																					
Hyperplasia																															
Pituitary Gland	+	+	+	+	M	+	A	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																X						X								X	
Pars Distalis, Cyst, Multiple																															
Pars Distalis, Hyperplasia														1						1		2	2		2						
Pars Intermed, Cyst, Multiple																							X								
Thyroid Gland	+	+	+	+	A	+	A	+	+	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			2																												
C Cell, Hyperplasia																				1						1					
Cyst, Squamous	X		X			X																					X				
Infiltration Cellular, Lymphocyte	1																														
Inflammation, Chronic																															
General Body System																															
NONE																															

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Genital System																															
Coagulating Gland	+	+	+	+	A	+	A	A	+	+	A	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy												3																			
Degeneration																															
Developmental Malformation						X													X		X										
Hyperplasia																															
Ductus Deferens																		A													
Epididymis	+	+	+	+	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Autolysis											2																				
Degeneration																															
Hypospermia				4																4			4								
Infiltration Cellular, Lymphocyte																							1								
Preputial Gland	+	+	+	+	A	+	+	A	+	+	A	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Autolysis																		3													
Duct, Dilatation							4							4																	
Infiltration Cellular, Lymphocyte	2	1								2					2	1			3	1		1		2		1			2		
Inflammation, Suppurative						4	4		2					4			3	4			3						3				
Parenchym Cell, Degeneration		1								2				4		1			2		2					2			2		
Prostate	+	+	+	+	A		A				A					+	A		+	+					+						
Prostate, Dorsal Lobe	+	+	+	+	A	+	A	+	+	+	A	+	A	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Degeneration																						2		1							
Infiltration Cellular, Lymphocyte																															
Inflammation, Suppurative						4				2		3		1	3			3			2	2	1	2		2		2	1	2	2
Prostate, Ventral Lobe	+	+	+	+	A	+	A	A	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration						3			3			3			2											1	2				
Hyperplasia																						2	2					3			
Infiltration Cellular, Lymphocyte																					2									1	
Inflammation, Suppurative												2	2													1					
Rete Testes	+	+	+	+	+	+	M	A	M	+	M	+	+	+	+	+	+	M	+	+	I	I	+	+	+	+	+	+	+	+	+
Dilatation						2																									
Fibrosis																															
Seminal Vesicle	+	+	A	+	A	+	A	A	+	+	A	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy									3			3																			
Autolysis																		4													
Testes	+	+	+	+	+		A	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis													4																		
Interstit Cell, Hyperplasia																			3												
Polyarteritis																															
Seminif Tub, Degeneration									2		3	1		1	2	4	1			4	4	4	4	1	1	1	4				1
Hematopoietic System																															
Bone Marrow	+	+	A	+	A	+	A	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4																									

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Experiment Number: 99930-92
Test Type: MULTIGEN CHRONIC
Route: DOSED FEED
Species/Strain: Rat/CD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/22/2014
Time Report Requested: 14:31:59
First Dose M/F: NA / NA
Lab: NCTR

CD Rat Male
F1 0PPM

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Hypocellularity																															
Myeloid Cell, Hyperplasia																								2							
Lymph Node						+	+	+		+					+	+									+	+	+				
Adventitia, Pancreatic, Polyarteritis																															
Adventitia, Renal, Hemorrhage															4																
Deep Cervical, Autolysis							4																								
Lumbar, Autolysis							4																								
Lumbar, Degeneration, Cystic																4									4	4					
Lumbar, Hemorrhage																3															
Lumbar, Hyperplasia, Lymphoid																											4				
Lumbar, Infiltration Cellular, Plasma Cell																									4	4	4				
Mediastinal, Infiltration Cellular, Plasma Cell																											3				
Pancreatic, Hyperplasia, Lymphoid										2																					
Pancreatic, Inflammation, Granulomatous																															
Renal, Autolysis							4																								
Renal, Pigmentation															2																
Lymph Node, Mandibular	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			3				4											3													
Degeneration, Cystic															3							1		4							
Hyperplasia, Lymphoid	2			2						1		2	3		3				2	3	2		1	3			3		2		2
Infiltration Cellular, Plasma Cell			4						2				2	2	3	2	2	2		3		3		4	2	2	4		3	3	2
Lymph Node, Mesenteric	+	+	A	+	A	+	+	+	+	+	A	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic									4													4									

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Hyperplasia, Lymphoid	2			2						2					3					2	2		2			2				1
Infiltration Cellular, Mast Cell																				2							2			
Infiltration Cellular, Plasma Cell																														
Inflammation, Granulomatous									4					2	2	2					2		1		2	1	1		1	
Pigmentation																														
Spleen	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Spleen																						X								
Autolysis			2														3	3												
Capsule, Fibrosis																												2		
Hematopoietic Cell Proliferation				3									2			2	2													
Hyperplasia, Lymphoid																										2				
Pigmentation	1	3	2						4	3		3		1				2	2		2			2	3	2		3		2	4
Thymus	+	+	M	+	A	+	+	+	+	+	A	+	A	M	+	M	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		1							4	4		4			3		4		3	4	4	3	3	4	4	4	4	4	4	4	4
Hyperplasia, Lymphoid																														
Integumentary System																														
Mammary Gland	+	+	I	+	A	I	A	I	+	I	I	+	A	I	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia																							1						2		
Autolysis																	3														
Degeneration																			3	2		2		3		2	4	3			2
Duct, Dilatation																					4										
Lactation												2																			2

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Skin	M	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess						4																									
Autolysis																		3													
Cyst Epithelial Inclusion																					X										
Epidermis, Hyperplasia										2	2							2		2				3							
Epidermis, Ulcer						4																									
Fibrosis																															
Hyperkeratosis										2	2							2		2				2							
Inflammation, Chronic																													1		2
Inflammation, Chronic Active											2		3	2			3			3											
Inflammation, Pyogranulomat																					4										
Inflammation, Suppurative										4	4			4	4	4					4	4		4	4	4	4			4	
Necrosis										3					2											2					
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperostosis						2																									
Nervous System																															
Brain, Brain Stem	+	+	+	+	A	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis													3																		
Compression												2	2				2									1					2
Hemorrhage																	1														
Brain, Cerebellum	+	+	+	+	A	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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 0PPM

DAY ON TEST	022 7	027 5	036 4	005 7	043 3	043 6	047 5	048 5	056 9	057 2	057 8	059 8	066 9	068 2	069 7	071 2	072 7	073 0	073 7	073 7	073 7	073 8	073 8	073 9	073 9	073 9	073 9	073 8	073 8	073 9	073 9
ANIMAL ID	00041	00052	00065	00075	00100	00103	00119	00123	00179	00186	00191	00212	00322	00359	00385	00407	00438	00458	00460	00470	00471	00517	00518	00563	00569	00570	00572	00575	00576	00593	00603
Autolysis													3																		
Gliosis												1																			
Hemorrhage												1																			
Hydrocephalus				4																											
Brain, Cerebrum	+	+	+	+	A	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis													3																		
Hydrocephalus				4																			2								
Meninges, Congestion				3																											
Meninges, Hemorrhage				3																											
Respiratory System																															
Lung	+	+	A	+	A	+	+	+	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																														1	
Artery, Mineralization																						2							1		
Autolysis							4																								
Cyst																															
Edema																							3								
Hemorrhage																							3						2		
Infiltration Cellular, Histiocyte													2	1	1								1					2	2	3	1
Infiltration Cellular, Lymphocyte																														1	
Metaplasia, Osseous																															
Nose	+	+	A	+	A	+	A	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis																	3														

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CD Rat Male
F1 0PPM

DAY ON TEST	022 7	027 5	036 4	005 7	043 3	043 6	047 5	048 5	056 9	057 2	057 8	059 8	066 9	068 2	069 7	071 2	072 7	073 0	073 7	073 7	073 7	073 8	073 8	073 9	073 9	073 9	073 9	073 8	073 8	073 9	073 9
ANIMAL ID	00041	00052	00065	00075	00100	00103	00119	00123	00179	00186	00191	00212	00322	00359	00385	00407	00438	00458	00460	00470	00471	00517	00518	00563	00569	00570	00572	00575	00576	00593	00603
Hemorrhage		3																													
Hyperkeratosis															2																
Inflammation, Chronic Active																	2														
Inflammation, Suppurative																														2	
Keratin Cyst										X																					
Squam Epithel, Hyperplasia															3		2														
Squam Epithel, Metaplasia																															
Ulcer															3																
Upper Molar, Inflammation, Chronic Active										2					2																
Trachea	+	+	A	+	A	A	A	+	A	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye				+													+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Atrophy																															
Inflammation, Chronic																								2							
Retina, Atrophy																					2										
Harderian Gland				+													+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																															
Infiltration Cellular, Lymphocyte																							2				1		1		
Lacrimal Gland																		+	+	+							+	+		+	
Ectopic Harderian																		X	X	X							X	X		X	
Urinary System																															
Kidney	+	+	A	+	A	+	+	+	+	+	A	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
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DAY ON TEST	022 7	027 5	036 4	005 7	043 3	043 6	047 5	048 5	056 9	057 2	057 8	059 8	066 9	068 2	069 7	071 2	072 7	073 0	073 7	073 7	073 7	073 8	073 8	073 9	073 9	073 9	073 9	073 8	073 8	073 9	073 9
ANIMAL ID	00041	00052	00065	00075	00100	00103	00119	00123	00179	00186	00191	00212	00322	00359	00385	00407	00438	00458	00460	00470	00471	00517	00518	00563	00569	00570	00572	00575	00576	00593	00603
Accumulation, Hyaline Droplet						4																									
Autolysis									2																						
Congestion																														2	
Cortex, Cyst										X				X					X	X				X	X	X	X	X	X		
Hyperplasia, Tubular																															
Inflammation, Chronic				1																											
Medulla, Cyst																										X					
Nephropathy, Chronic	1	1				4			1	3		1		1	1	1			1	1	1	2	1	1	1	2	1	1	2	1	
Pelvis, Dilatation																									1						
Pelvis, Hyperplasia														2							1					2					
Renal Tubule, Dilatation				2												1															
Renal Tubule, Inflammation, Suppurative																															
Renal Tubule, Mineralization																															1
Urinary Bladder	+	+	A	+	A	+	A	A	+	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																															

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CD Rat Male
F1 0PPM

DAY ON TEST	07 39	07 39	07 43	07 43	07 42	07 42	07 44	07 44	07 43	07 43	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 48	07 49	07 49	07 49	07 49	07 53		
ANIMAL ID	00 0604	00 0605	00 0638	00 0639	00 0656	00 0657	00 0683	00 0684	00 0693	00 0699	00 0713	00 0714	00 0742	00 0775	00 0778	00 0779	00 0796	00 0803	00 0854	00 0855	00 0902	00 0905	00 0930	*TOTALS		
Alimentary System																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Hyperkeratosis																									4	2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44		
Hyperplasia, Lymphoid																									2	2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Hyperplasia, Lymphoid																		2							1	2.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Serosa, Polyarteritis			3																						1	3.0
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Hyperplasia, Lymphoid																									1	2.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44		
Hyperplasia, Lymphoid			2																						2	2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51		
Angiectasis			1											2											2	1.5
Autolysis																									3	2.7
Basophilic Focus			X										X												3	
Bile Duct, Hyperplasia	1					1			1	2	2	1					1	2	1	2					17	1.3
Biliar Tract, Fibrosis	1							1		1	2	1													7	1.3
Capsule, Fibrosis								2																	1	2.0
Clear Cell Focus																	X								1	

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CD Rat Male
F1 0PPM

DAY ON TEST	07 39	07 39	07 43	07 43	07 42	07 42	07 44	07 44	07 43	07 43	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 48	07 49	07 49	07 49	07 49	07 53	
ANIMAL ID	0006 04	0006 05	0006 38	0006 39	0006 56	0006 57	0006 83	0006 84	0006 93	0006 99	0007 13	0007 14	0007 42	0007 75	0007 78	0007 79	0007 96	0008 03	0008 54	0008 55	0009 02	0009 05	0009 30	*TOTALS	
Degeneration, Cystic																								2	1.5
Developmental Malformation																								1	
Eosinophilic Focus																								1	
Eosinophilic Focus, Multiple												X			X									3	
Hematopoietic Cell Proliferation																								1	1.0
Hemorrhage			2																					1	2.0
Hepatodiaphragmatic Nodule													X											2	
Infiltration Cellular, Lymphocyte								1	1				2				1	1			1			8	1.1
Inflammation, Chronic Active	1					1	1				1													9	1.1
Mineralization																								1	1.0
Necrosis											1													3	1.3
Tension Lipidosis																								2	3.0
Vacuolization Cytoplasmic															1									5	1.6
Mesentery																								1	
Fat, Necrosis																								1	3.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration	2	2	4		2	4	2		3	3		1	2	2	3	2		2		4	1	1	1	33	2.1
Autolysis																								3	2.7
Basophilic Focus																	X							1	
Infiltration Cellular, Lymphocyte																								1	1.0
Inflammation, Chronic Active			2						1															3	1.3
Inflammation, Granulomatous							2																	1	2.0
Pigmentation									1															2	1.0

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CD Rat Male
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DAY ON TEST	07 39	07 39	07 43	07 43	07 42	07 42	07 44	07 44	07 43	07 43	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 48	07 49	07 49	07 49	07 49	07 53	*TOTALS	
ANIMAL ID	00060 4	00060 5	00063 8	00063 9	00065 6	00065 7	00068 3	00068 4	00069 3	00069 9	00071 3	00071 4	00074 2	00077 5	00077 8	00077 9	00079 6	00080 3	00085 4	00085 5	00090 2	00090 5	00093 0		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Stomach, Forestomach	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cyst, Squamous																								1	
Hyperplasia																								1	2.0
Inflammation, Chronic Active																								1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cardiovascular System																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52	
Autolysis																								1	4.0
Cardiomyopathy								1					2							1		2		13	1.2
Epicardium, Hyperplasia																								1	1.0
Metaplasia, Osseous																								1	1.0
Mineralization																								1	1.0
Endocrine System																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Accessory Adrenal Cortical Nodule															X									2	
Angiectasis																								1	2.0
Degeneration, Cystic														3					1					3	2.7
Hyperplasia																								2	2.0
Hypertrophy				1																				2	1.0
Vacuolization Cytoplasmic				2											1		2	2		1	1			14	1.6

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CD Rat Male
F1 0PPM

DAY ON TEST	07739	07739	07443	07443	07422	07422	07444	07444	07443	07443	07444	07444	07444	07445	07445	07445	07449	07448	07449	07449	07449	07449	07553	
ANIMAL ID	00604	00605	00638	00639	00656	00657	00683	00684	00693	00699	00713	00714	00742	00775	00778	00779	00796	00803	00854	00855	00902	00905	00930	*TOTALS
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Bilateral, Hyperplasia																	4							2 2.5
Cyst																			X					1
Hyperplasia											3													6 1.8
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia	1	1	1		1	1	2		2	1			1	1				2		3		1		23 1.4
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	47
Bilateral, Hyperplasia																								2 2.0
Hyperplasia					2		2															1		3 1.7
Pituitary Gland	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Pars Distalis, Cyst																								3
Pars Distalis, Cyst, Multiple				X																				1
Pars Distalis, Hyperplasia				2			2				2	3	3	1					3		1			13 1.9
Pars Intermed, Cyst, Multiple																								1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Autolysis																								1 2.0
C Cell, Hyperplasia		1				1	1	2	2															7 1.3
Cyst, Squamous															X				X				X	7
Infiltration Cellular, Lymphocyte				1																				2 1.0
Inflammation, Chronic											2													1 2.0
General Body System																								
NONE																								

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CD Rat Male
F1 0PPM

DAY ON TEST	07 39	07 39	07 43	07 43	07 42	07 42	07 44	07 44	07 43	07 43	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 48	07 49	07 49	07 49	07 53		
ANIMAL ID	00604	00605	00638	00639	00656	00657	00683	00684	00693	00699	00713	00714	00742	00775	00778	00779	00796	00803	00854	00855	00902	00905	00930	*TOTALS	
Genital System																									
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy																						4		2	3.5
Degeneration			2																					1	2.0
Developmental Malformation							X																	4	
Hyperplasia																			2					1	2.0
Ductus Deferens																							0		
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51		
Atrophy																						4		1	4.0
Autolysis																								1	2.0
Degeneration															2						2			2	2.0
Hypospermia															4	2					4	4		7	3.7
Infiltration Cellular, Lymphocyte					1					1						1								4	1.0
Preputial Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy			2																					1	2.0
Autolysis																								1	3.0
Duct, Dilatation												3										4		4	3.8
Infiltration Cellular, Lymphocyte					1	1			1		2	3	1		1			1			1	1		21	1.5
Inflammation, Suppurative							4			2				2			4		1	2			3	15	3.0
Parenchym Cell, Degeneration						1			1	2	1	3							1	1	1			16	1.7
Prostate																							8		
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		

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CD Rat Male
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ANIMAL ID	00 06 04	00 06 05	00 06 38	00 06 39	00 06 56	00 06 57	00 06 83	00 06 84	00 06 93	00 06 99	00 07 13	00 07 14	00 07 42	00 07 75	00 07 78	00 07 79	00 07 96	00 08 03	00 08 54	00 08 55	00 09 02	00 09 05	00 09 30	*TOTALS	
Degeneration																								2	1.5
Infiltration Cellular, Lymphocyte					1											1								2	1.0
Inflammation, Suppurative		2	2	1		2	2	2			1	2	3	2	3		1	2		2		1	3	31	2.0
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Degeneration		1			1			2							2			1			2		2	13	1.9
Hyperplasia					2						2								2	2				7	2.1
Infiltration Cellular, Lymphocyte			1					1		1			1								1			7	1.1
Inflammation, Suppurative									4					1									3	6	2.2
Rete Testes	+	+	+	+	+	+	+	+	+	+	I	I	+	+	+	+	+	+	+	+	+	A	+	44	
Dilatation															4								1	3	2.3
Fibrosis																			3					1	3.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Atrophy																							4	3	3.3
Autolysis																								1	4.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																								1	4.0
Interstit Cell, Hyperplasia																								1	3.0
Polyarteritis			2						2															2	2.0
Seminif Tub, Degeneration	1	1		1	1	1	1	2		1		4			4	2	1		4			4	4	31	2.3
Hematopoietic System																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																								1	4.0

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CD Rat Male
F1 0PPM

DAY ON TEST	07 39	07 39	07 43	07 43	07 42	07 42	07 44	07 44	07 43	07 43	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 48	07 49	07 49	07 49	07 53		
ANIMAL ID	0006 04	0006 05	0006 38	0006 39	0006 56	0006 57	0006 83	0006 84	0006 93	0006 99	0007 13	0007 14	0007 42	0007 75	0007 78	0007 79	0007 96	0008 03	0008 54	0008 55	0009 02	0009 05	0009 30	*TOTALS		
Hypocellularity															2					2					2	2.0
Myeloid Cell, Hyperplasia											2								3						3	2.3
Lymph Node			+					+						+			+		+		+			15		
Adventitia, Pancreatic, Polyarteritis			3																						1	3.0
Adventitia, Renal, Hemorrhage																									1	4.0
Deep Cervical, Autolysis																									1	4.0
Lumbar, Autolysis																									1	4.0
Lumbar, Degeneration, Cystic								4						3							3				6	3.7
Lumbar, Hemorrhage																									1	3.0
Lumbar, Hyperplasia, Lymphoid								4											3						3	3.7
Lumbar, Infiltration Cellular, Plasma Cell								4						4					4		3				7	3.9
Mediastinal, Infiltration Cellular, Plasma Cell																									1	3.0
Pancreatic, Hyperplasia, Lymphoid																									1	2.0
Pancreatic, Inflammation, Granulomatous			2																						1	2.0
Renal, Autolysis																									1	4.0
Renal, Pigmentation																									1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52		
Autolysis																									3	3.3
Degeneration, Cystic			4						4										3				4		7	3.3
Hyperplasia, Lymphoid	2	1			3				3	2			2							2	1	2			23	2.1
Infiltration Cellular, Plasma Cell		1	4	3		1			3		2	2	2	3	2				3	2			3		30	2.5
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Degeneration, Cystic					4																				3	4.0

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CD Rat Male
F1 0PPM

DAY ON TEST	07 39	07 39	07 43	07 43	07 42	07 42	07 44	07 44	07 43	07 43	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 48	07 49	07 49	07 49	07 49	07 53	*TOTALS	
ANIMAL ID	00 604	00 605	00 638	00 639	00 656	00 657	00 683	00 684	00 693	00 699	00 713	00 714	00 742	00 775	00 778	00 779	00 796	00 803	00 854	00 855	00 902	00 905	00 930		
Hyperplasia, Lymphoid	1		1						2				2		2									14	1.9
Infiltration Cellular, Mast Cell																								2	2.0
Infiltration Cellular, Plasma Cell				2	2												2							3	2.0
Inflammation, Granulomatous											2	1									1		1	14	1.6
Pigmentation																					1			1	1.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52	
Accessory Spleen																								1	
Autolysis																								3	2.7
Capsule, Fibrosis																								1	2.0
Hematopoietic Cell Proliferation										2				2	1		2							8	2.0
Hyperplasia, Lymphoid		1																						2	1.5
Pigmentation	2	2		4	2					2		1			2		2	3	1	2	1	1	3	30	2.2
Thymus	+	+	+	+	M	+	+	+	+	+	+	M	+	M	+	+	M	+	M	+	+	+	+	42	
Atrophy	4	4	4	4		4	4	4	4	4	4		4		4	4		4		4	4	4			36	3.8
Hyperplasia, Lymphoid																							4	1	4.0
Integumentary System																									
Mammary Gland	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	I	+	+	+	+	41	
Alveolus, Hyperplasia																	2							3	1.7
Autolysis																								1	3.0
Degeneration	3	2					3	1	2	1		4	2	1				4			4	2	4	21	2.6
Duct, Dilatation																								1	4.0
Lactation															2									3	2.0

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CD Rat Male
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DAY ON TEST	07 39	07 39	07 43	07 43	07 42	07 42	07 44	07 44	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 48	07 49	07 49	07 49	07 49	07 53	*TOTALS	
ANIMAL ID	00604	00605	00638	00639	00656	00657	00683	00684	00693	00699	00713	00714	00742	00775	00778	00779	00796	00803	00854	00855	00902	00905	00930			
Skin	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51		
Abscess																									1	4.0
Autolysis																									1	3.0
Cyst Epithelial Inclusion						X																			2	
Epidermis, Hyperplasia																									5	2.2
Epidermis, Ulcer																									1	4.0
Fibrosis												3													1	3.0
Hyperkeratosis																									5	2.0
Inflammation, Chronic																									2	1.5
Inflammation, Chronic Active				2												2									7	2.4
Inflammation, Pyogranulomat																									1	4.0
Inflammation, Suppurative		3			4	4	4	4			4	4		4					4		3				22	3.9
Necrosis								3																	4	2.5
Musculoskeletal System																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Hyperostosis																									1	2.0
Nervous System																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Autolysis																									1	3.0
Compression				2																			1		7	1.7
Hemorrhage																									1	1.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

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ANIMAL ID	00 06 04	00 06 05	00 06 38	00 06 39	00 06 56	00 06 57	00 06 83	00 06 84	00 06 93	00 06 99	00 07 13	00 07 14	00 07 42	00 07 75	00 07 78	00 07 79	00 07 96	00 08 03	00 08 54	00 08 55	00 09 02	00 09 05	00 09 30	*TOTALS	
Autolysis																				1				1	3.0
Gliosis																				1				1	1.0
Hemorrhage																				1				1	1.0
Hydrocephalus																				1				1	4.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1				1	3.0
Hydrocephalus				3																				3	3.0
Meninges, Congestion																				1				1	3.0
Meninges, Hemorrhage																				1				1	3.0
Respiratory System																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Alveolar Epith, Hyperplasia	1								3															3	1.7
Artery, Mineralization													2											3	1.7
Autolysis																								1	4.0
Cyst																				X				1	
Edema																								1	3.0
Hemorrhage									4															3	3.0
Infiltration Cellular, Histiocyte	1				1				3				2	2						1		1		15	1.6
Infiltration Cellular, Lymphocyte																								1	1.0
Metaplasia, Osseous		1														1								2	1.0
Nose	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1				1	3.0

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ANIMAL ID	00 06 04	00 06 05	00 06 38	00 06 39	00 06 56	00 06 57	00 06 83	00 06 84	00 06 93	00 06 99	00 07 13	00 07 14	00 07 42	00 07 75	00 07 78	00 07 79	00 07 96	00 08 03	00 08 54	00 08 55	00 09 02	00 09 05	00 09 30	*TOTALS		
Hemorrhage																								1	3.0
Hyperkeratosis																								1	2.0
Inflammation, Chronic Active																								1	2.0
Inflammation, Suppurative									2				3											3	2.3
Keratin Cyst																								1	
Squam Epithel, Hyperplasia																								2	2.5
Squam Epithel, Metaplasia													2											1	2.0
Ulcer																								1	3.0
Upper Molar, Inflammation, Chronic Active																								2	2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Special Senses System																										
Eye	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37		
Bilateral, Retina, Atrophy					1	2					2				2				2	3					6	2.0
Inflammation, Chronic																									1	2.0
Retina, Atrophy									1			2					1	2							5	1.6
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39		
Degeneration			1																						1	1.0
Infiltration Cellular, Lymphocyte						1												2							5	1.4
Lacrimal Gland				+			+		+	+														10		
Ectopic Harderian				X			X		X	X															10	
Urinary System																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		

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Accumulation, Hyaline Droplet																								1	4.0
Autolysis																								1	2.0
Congestion																								1	2.0
Cortex, Cyst		X	X		X	X		X				X	X		X		X	X	X	X	X		X	24	
Hyperplasia, Tubular																		1						1	1.0
Inflammation, Chronic																								1	1.0
Medulla, Cyst																								1	
Nephropathy, Chronic	3	1	4		2	1	1	1	1	1	1	1	2	1		1	1	3	2	1	1		2	41	1.5
Pelvis, Dilatation	3																							2	2.0
Pelvis, Hyperplasia			2											2										5	1.8
Renal Tubule, Dilatation	3																							3	2.0
Renal Tubule, Inflammation, Suppurative			2																					1	2.0
Renal Tubule, Mineralization																								1	1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hemorrhage										2														1	2.0

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ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis			2																													
Intestine Large, Cecum	+	+	A	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis	4																															
Intestine Large, Colon	A	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum				+						+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	A	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid															2																	
Polyarteritis	4																															
Intestine Small, Jejunum	+	+	A	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis	4																															
Liver	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																2								2	1			3			1
Basophilic Focus																					X	X								X		
Basophilic Focus, Multiple												X																				
Bile Duct, Hyperplasia												1	1			1							1	2		2			1			
Biliar Tract, Fibrosis													1	1		1			1			1		2	1	1					1
Capsule, Hemorrhage																						2										
Clear Cell Focus																																
Clear Cell Focus, Multiple												X																				

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ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Degeneration, Cystic											1	2	1															2			
Developmental Malformation															X																
Eosinophilic Focus												X																			
Eosinophilic Focus, Multiple																								X							
Hemorrhage												3																			2
Hepatodiaphragmatic Nodule						X																									
Infiltration Cellular, Lymphocyte						1			1																						
Inflammation, Chronic Active													1									1							1	1	
Pigmentation																															
Polyarteritis	4																														
Tension Lipidosis																					1										
Vacuolization Cytoplasmic												2										1				1					
Mesentery																															
Fat, Necrosis																															
Pancreas	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration	2	1		1	2	2			1	3	2		2	1		2	1	1		1	1		2			2	1	1	2		2
Acinar Cell, Hyperplasia																															
Pigmentation						2																									
Polyarteritis	3																														
Salivary Glands	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Hyperkeratosis							1																								
Hyperplasia							2																								

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ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Ulcer							3																								
Stomach, Glandular	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia																	4														
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis	4																														
Thrombosis	4																														
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy					2	1				2		2	2	2	2	1	2	2	1		1	1		2		1			2	1	
Polyarteritis	4																														
Endocrine System																															
Adrenal Cortex	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																															
Bilateral, Hyperplasia												1																			
Cyst																															
Degeneration, Cystic																											2				
Hyperplasia									2																					1	3
Hypertrophy										2																			2	1	
Vacuolization Cytoplasmic										1	2	2	1		1						1	1		1		1	1		1	2	
Adrenal Medulla	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																				1	1										
Hyperplasia												1	4	2					2												

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ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Hyperplasia, Focal											1																				
Islets, Pancreatic	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	1	2		1	1	2	1			2					2	1	1	1				2	1	2			1		2		1
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																								2							1
Hyperplasia			2	2									2		1														1		
Pituitary Gland	A	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Pars Distalis, Cyst										X	X						X				X							X			
Pars Distalis, Cyst, Multiple																								X							
Pars Distalis, Hyperplasia											1			2	1		2	2			3	1		4				2	2	2	3
Pars Intermed, Cyst, Multiple																															
Thyroid Gland	+	+	A	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																															
Cyst, Squamous											X															X	X			X	X
Polyarteritis	3																														
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adventitia, Polyarteritis	3																														
Autolysis					3																										
Concretion											X																				

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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 5PPM

DAY ON TEST	02 96	03 03	04 29	04 53	05 25	06 02	06 17	06 34	06 88	07 37	07 37	07 37	07 38	07 38	07 38	07 38	07 39	07 38	07 38	07 38	07 38	07 39	07 39	07 39	07 39	07 39	07 42	07 42	07 42	07 43	07 43	07 43
ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Developmental Malformation							X						X																			
Interstitium, Inflammation, Chronic					3																											
Epididymis	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adventitia, Polyarteritis	2																															
Degeneration																	4															
Granuloma Sperm																	4															
Hypospermia																	4															
Infiltration Cellular, Lymphocyte									1					1										1								
Penis					+																											
Concretion					X																											
Preputial Gland	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis								4																								
Cyst																																
Duct, Dilatation																	4										3					2
Infiltration Cellular, Lymphocyte									2				1		1	1		1					2					2	1		1
Inflammation, Suppurative		3	2			2		2		4		4		1			4		3		3	1				2				3	
Parenchym Cell, Degeneration		2					2		2			2				1	4		2			2	1				2		2		
Prostate				+				A									+			+						+					
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					3																											
Hyperplasia																																
Infiltration Cellular, Lymphocyte																1																
Inflammation, Suppurative		1			4	2	2		2	2	3	2	2	2				1	2		2	3	1	3	1		3	3	2	2	2

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CD Rat Male
F1 5PPM

DAY ON TEST	02 96	03 03	04 29	04 53	05 25	06 02	06 17	06 34	06 88	07 37	07 37	07 37	07 38	07 38	07 38	07 38	07 39	07 38	07 38	07 38	07 39	07 39	07 39	07 39	07 39	07 42	07 42	07 42	07 43	07 43	07 43
ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Interstitium, Fibrosis					4																										
Polyarteritis	4																														
Prostate, Ventral Lobe	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration									2	1	2				3	2								3			4				
Hyperplasia												2				2			1												
Infiltration Cellular, Lymphocyte																									2						1
Inflammation, Suppurative					4																1									2	
Interstitium, Fibrosis					3																										
Rete Testes	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																															
Seminal Vesicle	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2				3																								
Autolysis					3																										
Dilatation					3																										
Hyperplasia					3															2											
Inflammation, Suppurative					2																										
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminif Tub, Degeneration			2		1			4	3	1		1	1	2	1				1	1				1	1	1			1		
Hematopoietic System																															
Bone Marrow	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			4																												
Erythroid Cell, Hyperplasia				2																											

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CD Rat Male
F1 5PPM

DAY ON TEST	02 96	03 03	04 29	04 53	05 25	06 02	06 17	06 34	06 88	07 37	07 37	07 37	07 38	07 38	07 38	07 38	07 38	07 39	07 38	07 38	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42	07 42	07 43	07 43	07 43
ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Hypocellularity																																	
Myeloid Cell, Hyperplasia																																	
Lymph Node		+	+				+				+		+		+		+	+	+		+	+					+	+			
Degeneration, Cystic																											4					
Infiltration Cellular, Plasma Cell																											2					
Lumbar, Degeneration, Cystic											4				3		4					2										
Lumbar, Hyperplasia, Lymphoid											3				2							2										
Lumbar, Infiltration Cellular, Plasma Cell											3				3		3					3						4				
Mediastinal, Infiltration Cellular, Plasma Cell																					3											
Pancreatic, Hyperplasia, Lymphoid													3						2			2										
Pancreatic, Inflammation, Granulomatous																						2										
Popliteal, Hyperplasia, Lymphoid													3																			
Popliteal, Infiltration Cellular, Plasma Cell													4																			
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis								4																									
Degeneration, Cystic							4							3																			
Hyperplasia, Lymphoid	2			3		2				2	2						2					3	2					2				
Infiltration Cellular, Plasma Cell		3						3	3		2			2					3	2		2	2	3	2	2			2		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	3							4																									
Degeneration, Cystic	4																						4										
Hyperplasia, Lymphoid											2								3														
Infiltration Cellular, Plasma Cell																							2			3							

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CD Rat Male
F1 5PPM

DAY ON TEST	02 96	03 03	04 29	04 53	05 25	06 02	06 17	06 34	06 88	07 37	07 37	07 37	07 38	07 38	07 38	07 38	07 39	07 38	07 38	07 38	07 39	07 39	07 39	07 39	07 39	07 42	07 42	07 42	07 43	07 43	07 43
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Inflammation, Granulomatous								2		2					1	1				1		2				2	2	2	2	2	3
Polyarteritis	4																														
Spleen	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	3	4		3							1				2	1				2			3								
Hyperplasia, Lymphoid																											4				
Pigmentation		2				4						2	2		2	1	3	2	3	1				2	4			2	2	3	2
Thymus	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	I	+	+	M	+	+	+	+	+	+	+
Adventitia, Polyarteritis	3																														
Atrophy				4	4	4		4	4	4	4	4	4	4	4		3	4	4	4		4	4		4	4	4	4	3	4	4
Autolysis								4																							
Integumentary System																															
Mammary Gland	+	+	I	+	A	+	M	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+
Alveolus, Hyperplasia																														2	
Degeneration		3								2		2	3	3		3				3		4				2		4	2		2
Duct, Dilatation						3																					3				
Galactocele						4																									
Hemorrhage						4																									
Inflammation, Granulomatous						4																									
Inflammation, Suppurative						2																									
Lactation																									2						
Skin	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															

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CD Rat Male
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DAY ON TEST	02 96	03 03	04 29	04 53	05 25	06 02	06 17	06 34	06 88	07 37	07 37	07 37	07 38	07 38	07 38	07 38	07 39	07 38	07 38	07 38	07 39	07 39	07 39	07 39	07 39	07 42	07 42	07 42	07 43	07 43	07 43
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Cyst																															
Epidermis, Hyperplasia																			3												
Fibrosis													4																		
Hemorrhage													2																		
Hyperkeratosis																			2												
Inflammation, Chronic																															
Inflammation, Chronic Active									4				4								4										3
Inflammation, Suppurative									4	4	4			4	4	4	4		4		4	4					4	4		4	
Necrosis									4												3										
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression						2														2							2				
Brain, Cerebellum	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus						3																									
Brain, Cerebrum	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus						3																									
Respiratory System																															
Lung	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																								3							

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CD Rat Male
F1 5PPM

DAY ON TEST	02 96	03 03	04 29	04 53	05 25	06 02	06 17	06 34	06 88	07 37	07 37	07 37	07 38	07 38	07 38	07 38	07 39	07 38	07 38	07 38	07 39	07 39	07 39	07 39	07 39	07 42	07 42	07 42	07 43	07 43	07 43
ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Artery, Mineralization												1		1		1											1				
Infiltration Cellular, Histiocyte						2					1		2		1	1	2				2	1		3	2	3			2	2	2
Infiltration Cellular, Histiocytic																				2											
Inflammation, Chronic																						2									
Metaplasia, Osseous				1									2							1											
Nose	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																										1					
Inflammation, Suppurative																															
Trachea	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye				+						+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Atrophy																															
Retina, Atrophy																															
Harderian Gland				+						+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																							1			1					
Infiltration Cellular, Lymphocyte																									2	1			1		
Lacrimal Gland								+				+					+		+			+				+					
Ectopic Harderian								X				X					X		X			X				X					
Zymbal's Gland													+																		
Urinary System																															
Kidney	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					3																										

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CD Rat Male
F1 5PPM

DAY ON TEST	029 6	030 3	042 9	045 3	052 5	060 2	061 7	063 4	068 8	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 9	073 8	073 8	073 8	073 9	073 9	073 9	073 9	073 9	074 2	074 2	074 2	074 3	074 3	074 3
ANIMAL ID	00053	00054	00099	00115	00132	00216	00231	00277	00363	00461	00462	00463	00504	00505	00506	00541	00561	00564	00565	00566	00585	00586	00587	00588	00589	00628	00658	00659	00674	00675	00694
Bacterium					4																										
Capsule, Fatty Change																															
Capsule, Fibrosis				2																											
Cortex, Cyst											X	X	X	X	X		X	X	X	X		X	X	X	X	X	X	X	X		X
Inflammation, Chronic																															
Inflammation, Suppurative					3																										
Nephropathy, Chronic				1		1			1	2	2	4	1	1	1	3	2	2	1	2	1	1	1	2	1	1	1	1		1	1
Pelvis, Hyperplasia					2												1									2		1			
Pelvis, Mineralization																										2					
Urinary Bladder	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation			4																												

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CD Rat Male
F1 5PPM

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 52	07 52	07 53		
ANIMAL ID	00 06 95	00 06 98	00 07 12	00 07 15	00 07 30	00 07 31	00 07 65	00 07 66	00 07 77	00 07 92	00 07 93	00 08 46	00 08 51	00 08 80	00 08 81	00 08 82	00 08 96	00 08 97	00 09 26	*TOTALS		
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperkeratosis																					1	2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Polyarteritis																					1	4.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Hyperplasia, Lymphoid																					1	2.0
Polyarteritis																					1	4.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Polyarteritis																					1	4.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Angiectasis																	2	2			7	1.9
Basophilic Focus												X			X						5	
Basophilic Focus, Multiple																	X				2	
Bile Duct, Hyperplasia	1						1	1	1			1					2				13	1.2
Biliar Tract, Fibrosis									1				1		1	1					13	1.1
Capsule, Hemorrhage																					1	2.0
Clear Cell Focus																X					1	
Clear Cell Focus, Multiple																					1	

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CD Rat Male
F1 5PPM

DAY ON TEST	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 45	074 45	074 49	074 49	074 49	074 49	075 00	075 00	075 00	075 00	075 22	075 22	075 23		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*TOTALS	
Degeneration, Cystic				1													2			6	1.5
Developmental Malformation																				1	
Eosinophilic Focus																				1	
Eosinophilic Focus, Multiple				X	X	X														4	
Hemorrhage																				2	2.5
Hepatodiaphragmatic Nodule																				1	
Infiltration Cellular, Lymphocyte																				2	1.0
Inflammation, Chronic Active												1		1	1					7	1.0
Pigmentation																	1			1	1.0
Polyarteritis																				1	4.0
Tension Lipidosis																				1	1.0
Vacuolization Cytoplasmic				2																4	1.5
Mesentery				+																1	
Fat, Necrosis				4																1	4.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Acinar Cell, Degeneration			1			1	2	3	2	2		3	1	3	2	2			2	33	1.7
Acinar Cell, Hyperplasia		2																		1	2.0
Pigmentation																				1	2.0
Polyarteritis																				1	3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hyperkeratosis																				1	1.0
Hyperplasia																	2			2	2.0

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CD Rat Male
F1 5PPM

DAY ON TEST	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 45	074 45	074 49	074 49	074 49	074 49	075 00	075 00	075 00	075 22	075 22	075 33	
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*TOTALS
Ulcer																				1 3.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Epithelium, Hyperplasia																				1 4.0
Cardiovascular System																				
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Polyarteritis																				1 4.0
Thrombosis																				1 4.0
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiomyopathy	2		1	1	1	1		1		1	1			1		2	1	1	2	30 1.4
Polyarteritis																				1 4.0
Endocrine System																				
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Accessory Adrenal Cortical Nodule		X								X										2
Bilateral, Hyperplasia																				1 1.0
Cyst						X														1
Degeneration, Cystic																				1 2.0
Hyperplasia											1	1	2		1					7 1.6
Hypertrophy		1					1					1	1							7 1.3
Vacuolization Cytoplasmic	2	2	1				1	1		1	1	2	2	1	1	1	1			25 1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Bilateral, Hyperplasia																				2 1.0
Hyperplasia		2				3			1	2										8 2.1

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

CD Rat Male
F1 5PPM

DAY ON TEST	074 3	074 3	074 4	074 4	074 4	074 4	074 5	074 5	074 5	074 9	074 9	074 9	074 9	075 0	075 0	075 0	075 2	075 2	075 3		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*TOTALS	
Hyperplasia, Focal																				1	1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia			1		1		1	2	1										1	23	1.3
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Bilateral, Hyperplasia	2										2							2		5	1.8
Hyperplasia										2										6	1.7
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Pars Distalis, Cyst								X												6	
Pars Distalis, Cyst, Multiple												X								2	
Pars Distalis, Hyperplasia	1					2		3								3	3			17	2.2
Pars Intermed, Cyst, Multiple												X								1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
C Cell, Hyperplasia			1																	1	1.0
Cyst, Squamous											X	X	X							8	
Polyarteritis																				1	3.0
General Body System																					
NONE																					
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Adventitia, Polyarteritis																				1	3.0
Autolysis																				1	3.0
Concretion																				1	

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CD Rat Male
F1 5PPM

DAY ON TEST	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 45	074 45	074 49	074 49	074 49	074 49	075 00	075 00	075 00	075 02	075 02	075 03		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*TOTALS	
Developmental Malformation	X												X							4	
Interstitium, Inflammation, Chronic																				1	3.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Adventitia, Polyarteritis																				1	2.0
Degeneration	2							1	1											4	2.0
Granuloma Sperm																				1	4.0
Hypospermia	4							4	4											4	4.0
Infiltration Cellular, Lymphocyte								1										1		5	1.0
Penis																				1	
Concretion																				1	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	4.0
Cyst																	X			1	
Duct, Dilatation													4							4	3.3
Infiltration Cellular, Lymphocyte	1				1	2	1		1	2	2	1			1		2	1	1	21	1.3
Inflammation, Suppurative								1					4	3						16	2.6
Parenchym Cell, Degeneration	1		1			1				1	1		3	2			1	1		20	1.7
Prostate										+			+		+	+	+			9	
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				1	3.0
Hyperplasia		2																		1	2.0
Infiltration Cellular, Lymphocyte	2		1											1						4	1.3
Inflammation, Suppurative		1		1	1	2	1	1			1	2						2		31	1.9

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CD Rat Male
F1 5PPM

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 53	*TOTALS		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926				
Interstitium, Fibrosis																					1	4.0	
Polyarteritis																					1	4.0	
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49			
Degeneration	2													4							9	2.6	
Hyperplasia				1																	4	1.5	
Infiltration Cellular, Lymphocyte																		1	1		4	1.3	
Inflammation, Suppurative				1		1			2					3							7	2.0	
Interstitium, Fibrosis																					1	3.0	
Rete Testes	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47			
Fibrosis									3												1	3.0	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48			
Atrophy					2								1								4	2.0	
Autolysis																					1	3.0	
Dilatation															2						2	2.5	
Hyperplasia		2																			3	2.3	
Inflammation, Suppurative																					1	2.0	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Seminif Tub, Degeneration	4						1	4	4	1		2	1		1	2	4		1		26	1.8	
Hematopoietic System																							
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49			
Autolysis																					1	4.0	
Erythroid Cell, Hyperplasia																2					2	2.0	

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2) Mild 4) Marked

CD Rat Male
F1 5PPM

DAY ON TEST	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 45	074 45	074 49	074 49	074 49	074 49	075 00	075 00	075 00	075 22	075 22	075 23		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*TOTALS	
Hypocellularity	2																			1	2.0
Myeloid Cell, Hyperplasia																2	2			2	2.0
Lymph Node																				13	
Degeneration, Cystic																				1	4.0
Infiltration Cellular, Plasma Cell																				1	2.0
Lumbar, Degeneration, Cystic																				4	3.3
Lumbar, Hyperplasia, Lymphoid																				3	2.3
Lumbar, Infiltration Cellular, Plasma Cell																				5	3.2
Mediastinal, Infiltration Cellular, Plasma Cell																				1	3.0
Pancreatic, Hyperplasia, Lymphoid																				3	2.3
Pancreatic, Inflammation, Granulomatous																				1	2.0
Popliteal, Hyperplasia, Lymphoid																				1	3.0
Popliteal, Infiltration Cellular, Plasma Cell																				1	4.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1	4.0
Degeneration, Cystic						1						3								4	2.8
Hyperplasia, Lymphoid														2	3		2			12	2.3
Infiltration Cellular, Plasma Cell		2	2	2	2							2	2	2	4					21	2.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				2	3.5
Degeneration, Cystic								4			4									4	4.0
Hyperplasia, Lymphoid	2							3			3				2					6	2.5
Infiltration Cellular, Plasma Cell								4			4									4	3.3

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2) Mild 4) Marked

CD Rat Male
F1 5PPM

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 53		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926		*TOTALS	
Inflammation, Granulomatous		2		1	2	1												1			17	1.7
Polyarteritis																					1	4.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48	
Hematopoietic Cell Proliferation						1		1		2						3					12	2.2
Hyperplasia, Lymphoid																					1	4.0
Pigmentation	3	2	3	1	1	1	2	2	1		2	1	3		2	2					30	2.1
Thymus	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+		44	
Adventitia, Polyarteritis																					1	3.0
Atrophy	4	4	4	4	4	4	4	4	4		4	4		4	4	4	4	4	4		41	4.0
Autolysis																					1	4.0
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	I	+	+	I	+	+	+	+	+	+	+	+	+		43	
Alveolus, Hyperplasia																		1			2	1.5
Degeneration	4	3		3	2	1			4			3	1		4	3	2		4		24	2.8
Duct, Dilatation																					2	3.0
Galactocele																					1	4.0
Hemorrhage																					1	4.0
Inflammation, Granulomatous																					1	4.0
Inflammation, Suppurative																					1	2.0
Lactation																					1	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49	
Abscess				4																	1	4.0

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CD Rat Male
F1 5PPM

DAY ON TEST	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 45	074 45	074 49	074 49	074 49	074 49	075 00	075 00	075 00	075 00	075 22	075 22	075 23	
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926		*TOTALS
Cyst															X						1	
Epidermis, Hyperplasia				3																	2	3.0
Fibrosis																					1	4.0
Hemorrhage																					1	2.0
Hyperkeratosis				3																	2	2.5
Inflammation, Chronic									1												1	1.0
Inflammation, Chronic Active			3			3						3				3					8	3.4
Inflammation, Suppurative	3	4			4		4	4		4	4				3						21	3.9
Necrosis																					2	3.5
Musculoskeletal System																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Compression																					3	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Hydrocephalus																					1	3.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Hydrocephalus																					1	3.0
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Alveolar Epith, Hyperplasia			1													2					3	2.0

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CD Rat Male
F1 5PPM

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 53		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*TOTALS		
Artery, Mineralization											1								2	6	1.2	
Infiltration Cellular, Histiocyte	2		2		1											2		1		19	1.8	
Infiltration Cellular, Histiocytic																				1	2.0	
Inflammation, Chronic																				1	2.0	
Metaplasia, Osseous																				3	1.3	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Inflammation, Chronic Active																				1	1.0	
Inflammation, Suppurative																		1		1	1.0	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42		
Bilateral, Retina, Atrophy									2	2			2				2			4	2.0	
Retina, Atrophy				2										2						2	2.0	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42		
Degeneration																				2	1.0	
Infiltration Cellular, Lymphocyte						1									2					5	1.4	
Lacrimal Gland					+						+		+							9		
Ectopic Harderian					X						X		X							9		
Zymbal's Gland																				1		
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Autolysis																				1	3.0	

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CD Rat Male
F1 5PPM

DAY ON TEST	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 45	074 45	074 49	074 49	074 49	074 49	075 00	075 00	075 00	075 22	075 22	075 23		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*TOTALS	
Bacterium																				1	4.0
Capsule, Fatty Change																		X		1	
Capsule, Fibrosis																				1	2.0
Cortex, Cyst								X		X		X	X	X		X	X	X		26	
Inflammation, Chronic																		1		1	1.0
Inflammation, Suppurative																				1	3.0
Nephropathy, Chronic	1	1	1	2	1	2	1	1	3	1	1	1	2	2		2	2		1	41	1.5
Pelvis, Hyperplasia																				4	1.5
Pelvis, Mineralization																				1	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Dilatation																				1	4.0

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2) Mild 4) Marked

CD Rat Male
F1 100PPM

DAY ON TEST	021 3	044 4	058 9	059 3	061 7	061 9	067 0	073 5	073 5	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 8	073 8	073 8	074 3	074 3	074 4	074 4	074 4	074 3	074 4	074 5	074 4	074 4	074 4
ANIMAL ID	00039	00120	00201	00204	00230	00232	00328	00464	00465	00466	00507	00508	00509	00510	00511	00512	00562	00571	00584	00620	00629	00630	00676	00677	00678	00696	00711	00724	00725	00726	00732
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid													2																		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid													2																		
Intestine Large, Rectum								+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		3																													
Hyperplasia, Lymphoid																															
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		3																													
Hyperplasia, Lymphoid													2																		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																							1		2						
Basophilic Focus															X			X													
Bile Duct, Hyperplasia				1					1					1				1											1	1	
Biliar Tract, Fibrosis																		1			1			1						1	
Capsule, Fibrosis																															
Capsule, Inflammation, Chronic																															
Cholangiofibrosis																										3					

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1-4 ..Lesion qualified as:
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CD Rat Male
F1 100PPM

DAY ON TEST	021 3	044 4	058 9	059 3	061 7	061 9	067 0	073 5	073 5	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 8	073 8	073 8	074 3	074 3	074 4	074 4	074 4	074 4	074 3	074 4	074 5	074 4	074 4	074 4
ANIMAL ID	00039	00120	00201	00204	00230	00232	00328	00464	00465	00466	00507	00508	00509	00510	00511	00512	00562	00571	00584	00620	00629	00630	00676	00677	00678	00696	00711	00724	00725	00726	00732
Cyst																								X							
Degeneration, Cystic									1									1									2				
Eosinophilic Focus												X																			
Granuloma, Multiple																	4														
Infiltration Cellular, Lymphocyte				1	1																										
Inflammation, Chronic Active								1											2	1		1					1				
Necrosis				1					3										1												
Vacuolization Cytoplasmic									3																2						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		1	2		1		3	2	2	2	2	2			3	3	3	1	2	2	3	3	2	3	2					1	
Acinar Cell, Hyperplasia																						4									
Basophilic Focus												X						X													
Infiltration Cellular, Lymphocyte														1																	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization											2																				
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia																															
Keratin Cyst					X																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1 100PPM

DAY ON TEST	021 3	044 4	058 9	059 3	061 7	061 9	067 0	073 5	073 5	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 8	073 8	073 8	074 3	074 3	074 4	074 4	074 4	074 3	074 4	074 5	074 4	074 4	074 4	074 4
ANIMAL ID	00039	00120	00201	00204	00230	00232	00328	00464	00465	00466	00507	00508	00509	00510	00511	00512	00562	00571	00584	00620	00629	00630	00676	00677	00678	00696	00711	00724	00725	00726	00732
Cardiomyopathy							1		2		1	1	1	1		2	2	2				2	1		1			2	2	2	
Metaplasia, Osseous																	1	1					1					1			
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Atrophy				4																											
Capsule, Fibrosis																															
Degeneration, Cystic																	2														
Hyperplasia																							2								
Hypertrophy	2							2	2																						
Infiltration Cellular, Lymphocyte																															
Pigmentation																															
Vacuolization Cytoplasmic	2		2				1	1	1	1		2	2	2	1	4	1	1	2			1				1	1		1	1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																			1												
Hyperplasia										1			2							1									2		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1	2				1				2							1	1	3	1		1				1				2
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	I	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia												2																			
Hyperplasia	1	1																	1									1			
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1 100PPM

DAY ON TEST	02 13	04 74	05 89	05 93	06 17	06 19	06 70	07 35	07 35	07 37	07 38	07 38	07 38	07 38	07 38	07 38	07 38	07 39	07 38	07 38	07 38	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 44	07 44	07 44	07 44
ANIMAL ID	00039	00120	00201	00204	00230	00232	00328	00464	00465	00466	00507	00508	00509	00510	00511	00512	00562	00571	00584	00620	00629	00630	00676	00677	00678	00696	00711	00724	00725	00726	00732
Pars Distalis, Cyst						X							X	X	X									X								
Pars Distalis, Cyst, Multiple																																X
Pars Distalis, Hyperplasia																2					2		2	2	2			1			2
Pars Intermed, Cyst																				X											
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia														1																	
Cyst, Squamous																								X							
General Body System																															
Tissue NOS									+																						
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy					3				3																						
Developmental Malformation		X						X																			X				
Dilatation																															
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration									3																			2			
Hypospermia									4																			4	4		
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active																															
Polyarteritis																											2				
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																										4					

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Duct, Dilatation				4						4	4																				
Foreign Body																						X									
Infiltration Cellular, Lymphocyte							2					2	2	1	2	1		1				2	1	1		3				2	1
Inflammation, Suppurative	4		4	3	2			4	4	4	4						2				3				1		2		2		
Necrosis	3																														
Parenchym Cell, Degeneration			2	3	2		2	2		2	4	1	2				2					2		1		2			2	2	1
Prostate	+						+																								
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																	X										X				
Degeneration								2			2					2	2														
Infiltration Cellular, Lymphocyte																					1										
Inflammation, Suppurative		2		3	2			4	4	1	3	1		2	2	2	3	2	2	2		1	1	1	1	2	2	3	2	2	2
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration		2		2	3				4		2				2	3	2					2									
Hyperplasia														3			1						3								
Infiltration Cellular, Lymphocyte												1	1	1																	
Inflammation, Suppurative									4	2																2					
Rete Testes	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																													3		
Fibrosis																												2			
Spermatocele																															
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			3			3			3																						

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Dilatation																															2
Fibrosis																															
Hyperplasia																															
Inflammation, Chronic																															
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminif Tub, Degeneration			4		2			1	4	1								1		1			4	1		1		4	4		1
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia																															
Hypocellularity				4							3																				
Myeloid Cell, Hyperplasia		2						2																							
Lymph Node	+		+			+		+	+	+																		+			
Inguinal, Hyperplasia, Lymphoid																															
Inguinal, Infiltration Cellular, Plasma Cell								2																							
Lumbar, Degeneration, Cystic									4	4																		3			
Lumbar, Hyperplasia, Lymphoid										2																					
Lumbar, Infiltration Cellular, Plasma Cell																												4			
Mediastinal, Infiltration Cellular, Plasma Cell																															
Pancreatic, Hyperplasia, Lymphoid																															
Pancreatic, Infiltration Cellular, Plasma Cell																															
Popliteal, Hyperplasia, Lymphoid																															
Popliteal, Infiltration Cellular, Plasma Cell																															

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Renal, Hyperplasia, Lymphoid																															
Renal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic											2				1							4						2	2		
Hyperplasia, Lymphoid	3	2		3			2				3				2							2								2	2
Infiltration Cellular, Plasma Cell		2		3				3	2		3								2	1	2	3		1	2	3	3	3	2	3	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Hemorrhage																									3						
Hyperplasia, Lymphoid	2	3					2											2	2	4					2						
Infiltration Cellular, Plasma Cell																				4											
Inflammation, Granulomatous				2				1				1	1	2		1	1		1		2		2				2	2	2	1	1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid																															
Hematopoietic Cell Proliferation									3		2			2						2		2			2			2			
Hyperplasia, Lymphoid																		2													
Pigmentation		4		4	4			3			3						2		3		3		2	2		4	2		2	1	3
Red Pulp, Hyperplasia																															
Thymus	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I
Atrophy	2	2		4	3		4		4	4	4	4		4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	
Integumentary System																															
Mammary Gland	I	+	I	I	+	I	I	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Alveolus, Hyperplasia										2				1				1			1										
Degeneration																				3					4	2	3	3	3		
Duct, Dilatation		2							3								3														
Galactocele																															
Lactation								2			2																				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															
Angiectasis																															
Cyst Epithelial Inclusion																															
Epidermis, Hyperplasia											3						3														
Hemorrhage							2																								
Hyperkeratosis											3						2														
Inflammation, Chronic																															
Inflammation, Chronic Active							4														2			3		2					
Inflammation, Suppurative								4		4			4	4	4	4		4	4	4		4	4		4			4	2	3	
Necrosis																															
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Necrosis			4																												
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression				2				2	2		3																				

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Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus				1																											
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus				1																											
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																	2								4	2					
Artery, Mineralization			2					2					1		1						1										
Hemorrhage																								4							
Infiltration Cellular, Histiocyte				2	4						1		1	2	1		2	2	1		1				4	2		2			
Infiltration Cellular, Lymphocyte																															
Metaplasia, Osseous															1	1													1		
Pleura, Fibrosis																															
Pleura, Hyperplasia																															
Pleura, Inflammation, Chronic																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body				X																											
Inflammation, Chronic Active												2																			
Inflammation, Suppurative				2			2														1						1				
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye								+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Bilateral, Retina, Atrophy																				2							2					
Retina, Atrophy																															
Harderian Gland								+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																										2					
Infiltration Cellular, Lymphocyte								1																	1						
Lacrimal Gland														+								+	+		+		+	+		+	
Ectopic Harderian														X								X	X		X		X	X		X	
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Capsule, Fatty Change																									X						X
Cortex, Cyst				X		X		X		X				X			X	X	X						X				X	X	
Fatty Change																								2							
Hyperplasia, Tubular				3																				3							
Infiltration Cellular, Lymphocyte	1																							2							
Mineralization																															
Nephropathy, Chronic			2	1	2		2	1	2	1	3	1	1	1	1	1	2	2	2		2	2			2	1	1	2	1	2	
Pelvis, Hyperplasia											2						2														
Pelvis, Mineralization											2																				
Renal Tubule, Inflammation, Suppurative																															
Urethra																															
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation					4																										

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DAY ON TEST	074 47	074 47	074 45	074 49	074 48	074 48	075 00	074 49	074 49	074 49	074 49	074 49	074 48	075 00	075 00	074 49	074 49	074 49	074 47	075 52	
ANIMAL ID	00762	00763	00776	00784	00794	00795	00823	00842	00843	00844	00845	00852	00877	00878	00884	00885	00886	00900	00929	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia, Lymphoid																				1	2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia, Lymphoid																				1	2.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1	3.0
Hyperplasia, Lymphoid				2																1	2.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1	3.0
Hyperplasia, Lymphoid																				1	2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																	2			3	1.7
Basophilic Focus											X						X			4	
Bile Duct, Hyperplasia	2	1															1			9	1.1
Biliar Tract, Fibrosis	1					1										1				7	1.0
Capsule, Fibrosis																	2			1	2.0
Capsule, Inflammation, Chronic																	1			1	1.0
Cholangiofibrosis																				1	3.0

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

CD Rat Male
F1 100PPM

DAY ON TEST	074 47	074 47	074 45	074 49	074 48	074 48	075 50	074 49	074 49	074 49	074 49	074 48	075 50	075 50	074 49	074 49	074 49	074 49	074 47	075 52	
ANIMAL ID	00762	00763	00776	00784	00794	00795	00823	00842	00843	00844	00845	00852	00877	00878	00884	00885	00886	00900	00929		*TOTALS
Cyst											X										2	
Degeneration, Cystic																		2			4	1.5
Eosinophilic Focus														X							2	
Granuloma, Multiple																					1	4.0
Infiltration Cellular, Lymphocyte																					2	1.0
Inflammation, Chronic Active																	1				6	1.2
Necrosis																					3	1.7
Vacuolization Cytoplasmic		1							2		1						2				6	1.8
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Acinar Cell, Degeneration	2	2	1	2	1		2	2	1	4	2			1	4			3			34	2.1
Acinar Cell, Hyperplasia																					1	4.0
Basophilic Focus																					2	
Infiltration Cellular, Lymphocyte																					1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Mineralization																					1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Epithelium, Hyperplasia																2					1	2.0
Keratin Cyst																					1	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

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CD Rat Male
F1 100PPM

DAY ON TEST	07 47	07 47	07 47	07 49	07 48	07 48	07 50	07 49	07 49	07 49	07 49	07 48	07 50	07 50	07 49	07 49	07 49	07 47	07 52		
ANIMAL ID	00 07 62	00 07 63	00 07 76	00 07 84	00 07 94	00 07 95	00 08 23	00 08 42	00 08 43	00 08 44	00 08 45	00 08 52	00 08 77	00 08 78	00 08 84	00 08 85	00 08 86	00 09 00	00 09 29	*TOTALS	
Cardiomyopathy		1	1	1		1	1	3	1	1		1		2	2	1	2	1		29	1.4
Metaplasia, Osseous					1															5	1.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis									2											1	2.0
Atrophy	3																		4	3	3.7
Capsule, Fibrosis																			2	1	2.0
Degeneration, Cystic																1				2	1.5
Hyperplasia				1																2	1.5
Hypertrophy	2				2							1				2	2			8	1.9
Infiltration Cellular, Lymphocyte	2																			1	2.0
Pigmentation	2																			1	2.0
Vacuolization Cytoplasmic	2		1		1	2	2	1	2	1	1	1	1	2		2	1	2	1	36	1.4
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bilateral, Hyperplasia										1										2	1.0
Hyperplasia						2		1	1					3	1				1	11	1.5
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia			1	1	1				1	3					2	1				18	1.4
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Bilateral, Hyperplasia																			2	2	2.0
Hyperplasia	1	3			2										2					8	1.5
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Male
F1 100PPM

DAY ON TEST	07 47	07 47	07 47	07 49	07 48	07 48	07 50	07 49	07 49	07 49	07 49	07 48	07 50	07 50	07 49	07 49	07 49	07 49	07 47	07 52		
ANIMAL ID	00 07 62	00 07 63	00 07 76	00 07 84	00 07 94	00 07 95	00 08 23	00 08 42	00 08 43	00 08 44	00 08 45	00 08 52	00 08 77	00 08 78	00 08 84	00 08 85	00 08 86	00 09 00	00 09 29	*TOTALS		
Pars Distalis, Cyst							X													6		
Pars Distalis, Cyst, Multiple													X							2		
Pars Distalis, Hyperplasia				2		1	1			2										11	1.7	
Pars Intermed, Cyst																				1		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
C Cell, Hyperplasia																				1	1.0	
Cyst, Squamous								X	X		X									4		
General Body System																						
Tissue NOS																				1		
Genital System																						
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy																				2	3.0	
Developmental Malformation							X													4		
Dilatation						3														1	3.0	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration			3			2	2													5	2.4	
Hypospermia			4			4	2													6	3.7	
Infiltration Cellular, Lymphocyte						1														1	1.0	
Inflammation, Chronic Active							2													1	2.0	
Polyarteritis																				1	2.0	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Abscess																				1	4.0	

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CD Rat Male
F1 100PPM

DAY ON TEST	07 47	07 47	07 47	07 49	07 48	07 48	07 50	07 49	07 49	07 49	07 49	07 49	07 48	07 50	07 50	07 49	07 49	07 49	07 47	07 52		
ANIMAL ID	00 07 62	00 07 63	00 07 76	00 07 84	00 07 94	00 07 95	00 08 23	00 08 42	00 08 43	00 08 44	00 08 45	00 08 52	00 08 77	00 08 78	00 08 84	00 08 85	00 08 86	00 09 00	00 09 29	*TOTALS		
Duct, Dilatation		4				4		4	4											7	4.0	
Foreign Body																				1		
Infiltration Cellular, Lymphocyte	1		1		1					1	1	1					1		1	21	1.4	
Inflammation, Suppurative		4				1	2	4	4					4		4		3		21	3.1	
Necrosis																				1	3.0	
Parenchym Cell, Degeneration						2	1	4	4	1	1	1		2		2	1	1		27	1.9	
Prostate																				2		
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst																				2		
Degeneration																				4	2.0	
Infiltration Cellular, Lymphocyte						1														2	1.0	
Inflammation, Suppurative	4	3	2	2	1		2	3	2	2	2	3	1	2	2	1	2	2	1	43	2.1	
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration		3								1					3	1				13	2.3	
Hyperplasia				1								2	2			3	2			8	2.1	
Infiltration Cellular, Lymphocyte		1				1												2		6	1.2	
Inflammation, Suppurative					2			1		1										6	2.0	
Rete Testes	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Dilatation	1																		1	3	1.7	
Fibrosis						3														2	2.5	
Spermatocele						4														1	4.0	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy					2							2								5	2.6	

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CD Rat Male
F1 100PPM

DAY ON TEST	07 47	07 47	07 47	07 49	07 48	07 48	07 50	07 49	07 49	07 49	07 49	07 48	07 50	07 50	07 49	07 49	07 49	07 49	07 47	07 52	
ANIMAL ID	00 07 62	00 07 63	00 07 76	00 07 84	00 07 94	00 07 95	00 08 23	00 08 42	00 08 43	00 08 44	00 08 45	00 08 52	00 08 77	00 08 78	00 08 84	00 08 85	00 08 86	00 09 00	00 09 29	*TOTALS	
Dilatation										2										2	2.0
Fibrosis																	2			1	2.0
Hyperplasia							2													1	2.0
Inflammation, Chronic																	1			1	1.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Seminif Tub, Degeneration	1	1	4	1		4	4			2		1			1	1	2	1	3	26	2.1
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Erythroid Cell, Hyperplasia																		2		1	2.0
Hypocellularity																				2	3.5
Myeloid Cell, Hyperplasia																		2		3	2.0
Lymph Node	+	+		+	+	+		+									+	+	+	16	
Inguinal, Hyperplasia, Lymphoid					2															1	2.0
Inguinal, Infiltration Cellular, Plasma Cell					4															2	3.0
Lumbar, Degeneration, Cystic		4		4				3										4		7	3.7
Lumbar, Hyperplasia, Lymphoid	2				3														2	4	2.3
Lumbar, Infiltration Cellular, Plasma Cell	2	4		4	4			4									4	4	4	9	3.8
Mediastinal, Infiltration Cellular, Plasma Cell																	4			1	4.0
Pancreatic, Hyperplasia, Lymphoid						2														1	2.0
Pancreatic, Infiltration Cellular, Plasma Cell						3														1	3.0
Popliteal, Hyperplasia, Lymphoid						2														1	2.0
Popliteal, Infiltration Cellular, Plasma Cell						2														1	2.0

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CD Rat Male
F1 100PPM

DAY ON TEST	07 47	07 47	07 47	07 49	07 48	07 48	07 50	07 49	07 49	07 49	07 49	07 48	07 50	07 50	07 49	07 49	07 49	07 47	07 52	
ANIMAL ID	00 07 62	00 07 63	00 07 76	00 07 84	00 07 94	00 07 95	00 08 23	00 08 42	00 08 43	00 08 44	00 08 45	00 08 52	00 08 77	00 08 78	00 08 84	00 08 85	00 08 86	00 09 00	00 09 29	*TOTALS
Renal, Hyperplasia, Lymphoid						2														1 2.0
Renal, Infiltration Cellular, Plasma Cell						4														1 4.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	49
Degeneration, Cystic		3			3				3								2			9 2.4
Hyperplasia, Lymphoid	3				3										2		2			13 2.4
Infiltration Cellular, Plasma Cell	4	4		2	3	2		2	3	2	2	3	3	3	2	2	2			31 2.5
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Degeneration, Cystic								4												1 4.0
Hemorrhage																				1 3.0
Hyperplasia, Lymphoid																		2		8 2.4
Infiltration Cellular, Plasma Cell								4												2 4.0
Inflammation, Granulomatous	3	1	2				2		1	2			3	2		2	4	1	1	27 1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Depletion Lymphoid				2																1 2.0
Hematopoietic Cell Proliferation																		2		8 2.1
Hyperplasia, Lymphoid											2								1	3 1.7
Pigmentation	1	1					2	2			3	2	2		3	2				24 2.5
Red Pulp, Hyperplasia									4											1 4.0
Thymus	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	45
Atrophy	4	4	4	4	4	4	4	4		4	4	4	4	4	4	4	4	4		43 3.9
Integumentary System																				
Mammary Gland	+	+	+	I	+	+	I	+	+	I	+	+	+	+	+	I	+	+	+	40

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CD Rat Male
F1 100PPM

DAY ON TEST	07 47	07 47	07 47	07 49	07 48	07 48	07 50	07 49	07 49	07 49	07 49	07 48	07 50	07 50	07 49	07 49	07 49	07 49	07 47	07 52	
ANIMAL ID	00 07 62	00 07 63	00 07 76	00 07 84	00 07 94	00 07 95	00 08 23	00 08 42	00 08 43	00 08 44	00 08 45	00 08 52	00 08 77	00 08 78	00 08 84	00 08 85	00 08 86	00 09 00	00 09 29	*TOTALS	
Alveolus, Hyperplasia		3																	2	6	1.7
Degeneration	1		1					4	2		3		4							12	2.8
Duct, Dilatation																				3	2.7
Galactocele		4																		1	4.0
Lactation															2					3	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess								4												1	4.0
Angiectasis										2										1	2.0
Cyst Epithelial Inclusion			X							X										2	
Epidermis, Hyperplasia																				2	3.0
Hemorrhage																				1	2.0
Hyperkeratosis																				2	2.5
Inflammation, Chronic												2								1	2.0
Inflammation, Chronic Active									3	1				2						7	2.4
Inflammation, Suppurative		4	4	4	4	4	3	4			3	3	3		4		4	4	4	29	3.8
Necrosis																			2	1	2.0
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Necrosis																				1	4.0
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression		2																		5	2.2

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CD Rat Male
F1 100PPM

DAY ON TEST	074 47	074 47	074 45	074 49	074 48	074 48	075 00	074 49	074 49	074 49	074 49	074 48	075 00	075 00	074 49	074 49	074 49	074 47	075 52		
ANIMAL ID	00762	00763	00776	00784	00794	00795	00823	00842	00843	00844	00845	00852	00877	00878	00884	00885	00886	00900	00929	*TOTALS	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				1	1.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				1	1.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia							1				4									5	2.6
Artery, Mineralization					1	1													1	8	1.3
Hemorrhage																				1	4.0
Infiltration Cellular, Histiocyte	1	2	1		1				1		2					1				20	1.7
Infiltration Cellular, Lymphocyte																			1	1	1.0
Metaplasia, Osseous		1			1														1	6	1.0
Pleura, Fibrosis													1							1	1.0
Pleura, Hyperplasia													1							1	1.0
Pleura, Inflammation, Chronic													1							1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foreign Body																				1	
Inflammation, Chronic Active																				1	2.0
Inflammation, Suppurative																				4	1.5
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	

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CD Rat Male
F1 100PPM

DAY ON TEST	07 47	07 47	07 47	07 49	07 48	07 48	07 50	07 49	07 49	07 49	07 49	07 48	07 50	07 50	07 49	07 49	07 49	07 47	07 52	
ANIMAL ID	00762	00763	00776	00784	00794	00795	00823	00842	00843	00844	00845	00852	00877	00878	00884	00885	00886	00900	00929	*TOTALS
Bilateral, Retina, Atrophy			2		2					2	1	2		2	2				2	10 1.9
Retina, Atrophy								2												1 2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Degeneration																				1 2.0
Infiltration Cellular, Lymphocyte													1							3 1.0
Lacrimal Gland	+	+									+									10
Ectopic Harderian	X	X									X									10
Urinary System																				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Capsule, Fatty Change									X											3
Cortex, Cyst			X		X	X	X	X		X	X			X		X		X	X	22
Fatty Change																				1 2.0
Hyperplasia, Tubular																				2 3.0
Infiltration Cellular, Lymphocyte																				2 1.5
Mineralization					2															1 2.0
Nephropathy, Chronic	1	4	1	1	2	1		2		1	1	1		3	1	1	1	1	1	40 1.5
Pelvis, Hyperplasia			2		1	1									2					6 1.7
Pelvis, Mineralization																				1 2.0
Renal Tubule, Inflammation, Suppurative			2																	1 2.0
Urethra	+																			1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Dilatation																				1 4.0

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CD Rat Male
F1 500PPM

DAY ON TEST	02 06	03 59	05 28	05 64	05 69	06 62	06 65	06 69	06 75	06 85	06 89	07 05	07 11	07 10	07 12	07 30	07 29	07 31	07 34	07 37	07 37	07 37	07 38	07 38	07 38	07 39	07 39	07 39	07 43	07 42	07 44
ANIMAL ID	00038	00063	00133	00172	00185	00318	00320	00326	00342	00361	00368	00387	00401	00408	00419	00446	00447	00449	00457	00467	00468	00469	00502	00567	00568	00590	00591	00592	00627	00660	00673
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation															4																
Hyperkeratosis		1		2			2					2				2	1	1													
Intestine Large, Cecum	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4																									
Hyperplasia, Lymphoid																				2											
Polyarteritis											4																				
Intestine Large, Colon	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4																									
Hyperplasia, Lymphoid																3															
Polyarteritis											3																				
Intestine Large, Rectum												+				+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4																									
Hemorrhage																											2				
Inflammation, Suppurative																											3				
Necrosis																											2				
Intestine Small, Ileum	A	+	+	+	+	A	A	+	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis											2																				
Intestine Small, Jejunum	A	+	+	+	+	A	A	+	+	+	+	+	+	+	A	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+
Polyarteritis											2																				

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CD Rat Male
F1 500PPM

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Liver	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Adventitia, Hemorrhage																						3									
Angiectasis																											1				
Autolysis				3						2								2													
Basophilic Focus														X												X					
Basophilic Focus, Multiple													X																		
Bile Duct, Hyperplasia			1				1			2			1					1		1	1						1			1	
Biliar Tract, Fibrosis										1					1					1			1		2	1	1		1		
Capsule, Fibrosis																															
Clear Cell Focus, Multiple													X																		
Cyst																															
Degeneration, Cystic																															
Eosinophilic Focus, Multiple																															
Hemorrhage																															
Hepatodiaphragmatic Nodule					X																								X		
Infiltration Cellular, Lymphocyte								1		1						1								1	1						1
Inflammation, Chronic Active					1															1									1		
Necrosis															1					1											
Polyarteritis											4																				
Tension Lipidosis		3																													
Vacuolization Cytoplasmic									1								2														
Mesentery				+																											
Fat, Necrosis				4																											

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Oral Mucosa									+																						
Pancreas	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration							3		2	2			3					4	2	3					2	1	4	1			
Acinar Cell, Hyperplasia																															
Autolysis							2				4								2												
Infiltration Cellular, Lymphocyte										1																					
Inflammation, Chronic													3																		
Polyarteritis											4																				
Salivary Glands	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Hyperplasia																															
Stomach, Forestomach	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis											2																				
Stomach, Glandular	A	+	+	+	+	A	A	+	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis											2																				
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis				4																											
Cardiomyopathy	1	1		2	1		1	2	1	1		1	1				1				1	1	2		1						1
Polyarteritis											2																			1	
Endocrine System																															
Adrenal Cortex	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
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Accessory Adrenal Cortical Nodule					X																				X						
Angiectasis																															
Cyst									X																						
Degeneration, Cystic			1													2															
Hyperplasia									2																						
Hypertrophy			2			1																									
Pigmentation																									2						
Vacuolization Cytoplasmic			2		1																1		1		2						
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia										1																					
Hyperplasia																	1				2					1					
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	1				1		1							2	1	1	1			2		1					1	2			1
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Hyperplasia																															
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis				3																											
Pars Distalis, Cyst					X																X					X	X				
Pars Distalis, Cyst, Multiple																				X											
Pars Distalis, Hyperplasia					2				2											2						1			2		1
Thyroid Gland	A	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis							4																								
C Cell, Hyperplasia																					1				1	1			2		2

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Cyst, Squamous				X																											
General Body System																															
Tissue NOS						+																									
Genital System																															
Coagulating Gland	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy												3								2											
Developmental Malformation																					X		X								
Infiltration Cellular, Lymphocyte													2																		
Epididymis	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration					2					2		2	3	2		1															
Hypospermia					4					4			4	4																	
Infiltration Cellular, Lymphocyte																															
Polyarteritis											3																				
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess												4					4														
Autolysis																			3												
Duct, Dilatation						4											4										4			4	
Infiltration Cellular, Lymphocyte			1						1				1							2			1		2					
Inflammation, Suppurative		4				4	2	4		4				2		2		2	3					3		3	2			4	
Keratin Cyst																					X										
Parenchym Cell, Degeneration		2		1						2			1			2							1	3	2		1		2	3	
Prostate																				2											

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DAY ON TEST	020206	035959	052828	056464	056969	066262	066665	066969	067575	068585	068989	070505	071111	071210	071212	073030	072929	073131	073434	073737	073737	073737	073838	073838	073838	073939	073939	073939	074343	074242	074444
ANIMAL ID	000038	000063	001333	001172	001185	003118	003320	003326	003422	003611	003688	003887	004001	004008	004019	004446	004447	004449	004457	004667	004668	004669	005002	005567	005668	005900	005911	005922	006227	006600	006733
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis										2					1				3												
Degeneration										3		2	2		2	2	3	3	3	2			3	1	2	2	2	3	2	2	1
Inflammation, Suppurative		1	2		2		4	4	1		2			2															2	
Polyarteritis																															
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	M	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis							3																								
Degeneration		2						2		3						2							2								
Hyperplasia														1			2												1		
Infiltration Cellular, Lymphocyte	1													1	1																
Inflammation											4																				
Inflammation, Suppurative							3			3													2				2				
Interstitium, Fibrosis																						1									
Polyarteritis											2																				
Rete Testes	+	+	+	M	+	A	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+
Dilatation					1								2														3				
Fibrosis														3																	
Seminal Vesicle	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy					4							3		2	3	2															
Dilatation																															
Testes	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Artery, Mineralization																									3						
Autolysis						4																									

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Polyarteritis													2																		
Seminif Tub, Degeneration					4					4		2	4	4	1					1	1	1		1		1	4	1			
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia			2								3			3																	
Hypocellularity							3	2																							
Myeloid Cell, Hyperplasia			3			4			4					2	4			2													
Lymph Node												+		+											+				+		
Lumbar, Degeneration, Cystic																													4		
Lumbar, Infiltration Cellular, Plasma Cell																													4		
Pancreatic, Hyperplasia, Lymphoid																									2						
Pancreatic, Infiltration Cellular, Plasma Cell														3											2						
Popliteal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis							2																								
Degeneration, Cystic														2								2			4						
Hemorrhage										2																					
Hyperplasia, Lymphoid					4				2	3				4		2	2				2		3			2	2	2		2	
Infiltration Cellular, Plasma Cell	2		2		3		2	4	3					4	4	3	3	2		3		3	2		4		2	3		3	
Pigmentation																															
Lymph Node, Mesenteric	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis							2																								

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Degeneration, Cystic									2							4								3								
Hemorrhage														2																	
Hyperplasia, Lymphoid					1			2	2	2				2						2				3							2
Infiltration Cellular, Mast Cell																									2						
Infiltration Cellular, Plasma Cell																				3								3			
Inflammation, Granulomatous			1				1															1					2	2	2		
Polyarteritis											4																			2	
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Adventitia, Polyarteritis											3																				
Autolysis						2					2							2													
Capsule, Fibrosis											2																				
Depletion Lymphoid						4									4																
Hematopoietic Cell Proliferation			3		4						3	4		3		1				2											
Hyperplasia, Lymphoid					3												2														
Hyperplasia, Stromal																															
Pigmentation					3	4	4	3		4			3		2	1		4		2		2	2	2	2	2	3	3			
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	A	+	+	M	+	M	+	+	+	+	+	+	+
Atrophy		2	4		4	4	4	4	2	4	4			4	4	4	4	4		4	4		4		4	3	3	4	4	4	4
Autolysis				4																											
Hemorrhage	3																														
Integumentary System																															
Mammary Gland	A	+	+	+	+	A	A	+	+	+	I	A	I	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+

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Alveolus, Hyperplasia									1											2	3				1							
Degeneration															2							1					4		3		4
Duct, Dilatation																							2					2			
Lactation								2		2							2	2												2	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																	4														
Angiectasis																			3												
Cyst Epithelial Inclusion				X																											
Epidermis, Hyperplasia																															
Foreign Body																															
Hyperkeratosis																															
Inflammation, Chronic																															
Inflammation, Chronic Active						3						2											3				3				
Inflammation, Pyogranulomat																															
Inflammation, Suppurative					4					4						4	4	4	3					2				3	4	4	4
Necrosis					2											2	4														
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle						+																									
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Compression							4	3		3							1														

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CD Rat Male
F1 500PPM

DAY ON TEST	02 06	03 59	05 28	05 64	05 69	06 62	06 65	06 69	06 75	06 85	06 89	07 05	07 11	07 10	07 12	07 30	07 29	07 31	07 34	07 37	07 37	07 38	07 38	07 38	07 39	07 39	07 39	07 43	07 42	07 44
ANIMAL ID	00038	00063	00133	00172	00185	00318	00320	00326	00342	00361	00368	00387	00401	00408	00419	00446	00447	00449	00457	00467	00468	00469	00502	00567	00568	00590	00591	00592	00627	00660	00673
Hemorrhage										2																					
Brain, Cerebellum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage										3							4														
Brain, Cerebrum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage										2																					
Hydrocephalus								2										1													
Infiltration Cellular, Lymphocyte								2																							
Mineralization																															2
Respiratory System																															
Lung	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																	1														
Artery, Mineralization			1								1				1						2	1						1			
Autolysis				3			3																								
Infiltration Cellular, Histiocyte		1	2			2		1							2		1						1				1				
Inflammation, Suppurative							3																								
Metaplasia, Osseous																					1							1			
Peribronchial, Hyperplasia, Lymphoid																															2
Pigmentation																					1										
Polyarteritis											2																		2		
Nose	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis				3																											
Inflammation, Suppurative							2									4															

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CD Rat Male
F1 500PPM

DAY ON TEST	02 06	03 59	05 28	05 64	05 69	06 62	06 65	06 69	06 75	06 85	06 89	07 05	07 11	07 10	07 12	07 30	07 29	07 31	07 34	07 37	07 37	07 37	07 38	07 38	07 38	07 39	07 39	07 39	07 43	07 42	07 44
ANIMAL ID	00038	00063	00133	00172	00185	00318	00320	00326	00342	00361	00368	00387	00401	00408	00419	00446	00447	00449	00457	00467	00468	00469	00502	00567	00568	00590	00591	00592	00627	00660	00673
Keratin Cyst				X																											
Metaplasia, Osseous																															
Upper Molar, Inflammation, Chronic Active									1			2																			
Trachea	+	+	+	+	+	A	A	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia	2																														
Special Senses System																															
Eye						A						+			+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Atrophy																															
Cataract															3														1		
Inflammation, Chronic Active																															
Inflammation, Suppurative															4																
Retina, Atrophy																	1														
Harderian Gland				+								+				+	+	+	+	+	+	+		+	+	+	+	+	+	+	+
Degeneration																						1									
Infiltration Cellular, Lymphocyte																															
Pigmentation				4																											
Lacrimal Gland							+		+		+		+	+		+				+				+	+	+					+
Ectopic Harderian							X		X		X		X	X		X				X				X	X	X					X
Zymbal's Gland					+																										
Urinary System																															
Kidney	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet												4																			

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CD Rat Male
F1 500PPM

DAY ON TEST	020 6	035 9	052 8	056 4	056 9	066 2	066 5	066 9	067 5	068 5	068 9	070 5	071 1	071 0	071 2	073 0	072 9	073 1	073 4	073 7	073 7	073 7	073 8	073 8	073 8	073 9	073 9	073 9	074 3	074 2	074 4
ANIMAL ID	00038	00063	00133	00172	00185	00318	00320	00326	00342	00361	00368	00387	00401	00408	00419	00446	00447	00449	00457	00467	00468	00469	00502	00567	00568	00590	00591	00592	00627	00660	00673
Autolysis				4			4				2							3														
Capsule, Fatty Change																							X		X						
Cortex, Cyst			X							X			X	X	X		X			X		X	X		X	X		X	X	X	
Fibrosis			1																												
Infiltration Cellular, Lymphocyte																	1							1	1		1				
Inflammation, Chronic																															
Nephropathy, Chronic		1	1		2	4	2	1	1	2	2	4	3	2		2		1		2	2	4	3			2		1	1	1	2
Pelvis, Dilatation						4																									
Pelvis, Hyperplasia						2																	2								
Polyarteritis											2																				
Renal Tubule, Dilatation					2																						2				
Renal Tubule, Inflammation, Suppurative																						2									
Renal Tubule, Mineralization															2															2	
Urethra																									+						
Urinary Bladder	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis				4																											
Hemorrhage				2																											

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CD Rat Male
F1 500PPM

DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00697	00727	00728	00729	00764	00767	00783	00788	00789	00790	00791	00847	00848	00849	00850	00879	00883	00898	00899	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Dilatation																				1	4.0
Hyperkeratosis																				7	1.6
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	4.0
Hyperplasia, Lymphoid																				1	2.0
Polyarteritis																				1	4.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	4.0
Hyperplasia, Lymphoid																				1	3.0
Polyarteritis																				1	3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	34	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	4.0
Hemorrhage																				1	2.0
Inflammation, Suppurative																				1	3.0
Necrosis																				1	2.0
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Polyarteritis																				1	2.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Polyarteritis																				1	2.0

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CD Rat Male
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DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00 06 97	00 07 27	00 07 28	00 07 29	00 07 64	00 07 67	00 07 83	00 07 88	00 07 89	00 07 90	00 07 91	00 08 47	00 08 48	00 08 49	00 08 50	00 08 79	00 08 83	00 08 98	00 08 99	*TOTALS	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Adventitia, Hemorrhage																				1	3.0
Angiectasis										2										2	1.5
Autolysis																				3	2.3
Basophilic Focus						X		X				X								5	
Basophilic Focus, Multiple																				1	
Bile Duct, Hyperplasia		1	1	1			1		2					2		1	1	1	2	19	1.2
Biliar Tract, Fibrosis				1	1		1		1				1				1	1	1	16	1.1
Capsule, Fibrosis									1											1	1.0
Clear Cell Focus, Multiple																				1	
Cyst																X				1	
Degeneration, Cystic													1							1	1.0
Eosinophilic Focus, Multiple																X				1	
Hemorrhage									2											1	2.0
Hepatodiaphragmatic Nodule												X								3	
Infiltration Cellular, Lymphocyte		1									1									8	1.0
Inflammation, Chronic Active				1				1											1	6	1.0
Necrosis							1													3	1.0
Polyarteritis																				1	4.0
Tension Lipidosis																				1	3.0
Vacuolization Cytoplasmic																				2	1.5
Mesentery																					
Fat, Necrosis																				1	4.0

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CD Rat Male
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DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00697	00727	00728	00729	00764	00767	00783	00788	00789	00790	00791	00847	00848	00849	00850	00879	00883	00898	00899	*TOTALS	
Oral Mucosa																				1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Acinar Cell, Degeneration	2	2	3	2	1		2	1	2	1		1	2	1	1	2	1	1		27	1.9
Acinar Cell, Hyperplasia													3							1	3.0
Autolysis																				3	2.7
Infiltration Cellular, Lymphocyte																2				2	1.5
Inflammation, Chronic																				1	3.0
Polyarteritis																				1	4.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Acinar Cell, Hyperplasia																			2	1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Polyarteritis																				1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Polyarteritis																				1	2.0
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1	4.0
Cardiomyopathy		1					1			1						1			1	21	1.1
Polyarteritis																				2	1.5
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	

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DAY ON TEST	074 43	074 45	074 45	074 44	074 46	074 45	074 49	074 48	074 48	074 48	074 48	074 49	074 49	074 49	074 49	074 50	074 49	074 49	074 49	
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Accessory Adrenal Cortical Nodule						X														3
Angiectasis								1										2		2 1.5
Cyst																				1
Degeneration, Cystic																				2 1.5
Hyperplasia							1													2 1.5
Hypertrophy												1								3 1.3
Pigmentation																				1 2.0
Vacuolization Cytoplasmic				1			2		1		1	2			1	2	1			13 1.4
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Bilateral, Hyperplasia																				1 1.0
Hyperplasia							1				1									5 1.2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia		2		2	1			1				1	1	1	1	1				21 1.2
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	47
Hyperplasia											1						2			2 1.5
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Autolysis																				1 3.0
Pars Distalis, Cyst	X																			5
Pars Distalis, Cyst, Multiple																				1
Pars Distalis, Hyperplasia	2						2		3						2	2	1		1	13 1.8
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Autolysis																				1 4.0
C Cell, Hyperplasia						3		1			1				1					9 1.4

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ANIMAL ID	00697	00727	00728	00729	00764	00767	00783	00788	00789	00790	00791	00847	00848	00849	00850	00879	00883	00898	00899	*TOTALS	
Cyst, Squamous		X														X				3	
General Body System																					
Tissue NOS																				1	
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	45	
Atrophy																				2	2.5
Developmental Malformation							X					X								4	
Infiltration Cellular, Lymphocyte																				1	2.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration													1							7	1.9
Hypospermia																				4	4.0
Infiltration Cellular, Lymphocyte												1				1				2	1.0
Polyarteritis																				1	3.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Abscess																			4	3	4.0
Autolysis																				1	3.0
Duct, Dilatation						4														5	4.0
Infiltration Cellular, Lymphocyte		1		1									1					2		10	1.3
Inflammation, Suppurative	1				2	4		4	4	4	4					2	4			22	3.1
Keratin Cyst																				1	
Parenchym Cell, Degeneration	1	1		1	2					2			1				3			18	1.7
Prostate									+											2	

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DAY ON TEST	074 43	074 45	074 45	074 44	074 46	074 45	074 49	074 48	074 48	074 48	074 48	074 49	074 49	074 49	074 49	075 00	074 49	074 49	074 49	*TOTALS	
ANIMAL ID	00697	00727	00728	00729	00764	00767	00783	00788	00789	00790	00791	00847	00848	00849	00850	00879	00883	00898	00899		
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				1	3.0
Degeneration																				2	1.5
Inflammation, Suppurative	2	2	3	3	3	2	2	2		4	1	3	2	3	2		2	2	3	41	2.3
Polyarteritis																				2	2.0
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	3.0
Degeneration																		2	2	7	2.1
Hyperplasia		2				1				3			2	1		3				9	1.8
Infiltration Cellular, Lymphocyte										1										4	1.0
Inflammation																				1	4.0
Inflammation, Suppurative																				4	2.5
Interstitium, Fibrosis																				1	1.0
Polyarteritis																				1	2.0
Rete Testes	+	+	+	+	+	M	+	+	I	+	+	+	+	+	+	+	+	+	+	44	
Dilatation																				3	2.0
Fibrosis																				1	3.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Atrophy																				5	2.8
Dilatation					2									2						2	2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Artery, Mineralization																				1	3.0
Autolysis																				1	4.0

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ANIMAL ID	00 06 97	00 07 27	00 07 28	00 07 29	00 07 64	00 07 67	00 07 83	00 07 88	00 07 89	00 07 90	00 07 91	00 08 47	00 08 48	00 08 49	00 08 50	00 08 79	00 08 83	00 08 98	00 08 99	*TOTALS	
Polyarteritis																				1	2.0
Seminif Tub, Degeneration					1					1			1				1			17	1.9
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Erythroid Cell, Hyperplasia				3																4	2.8
Hypocellularity										2										3	2.3
Myeloid Cell, Hyperplasia				4				1												8	3.0
Lymph Node				+						+	+						+			8	
Lumbar, Degeneration, Cystic				4						2							3			4	3.3
Lumbar, Infiltration Cellular, Plasma Cell										4	4						4			4	4.0
Pancreatic, Hyperplasia, Lymphoid																				1	2.0
Pancreatic, Infiltration Cellular, Plasma Cell																				2	2.5
Popliteal, Infiltration Cellular, Plasma Cell											4									1	4.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	2.0
Degeneration, Cystic				3		3	3											2		7	2.7
Hemorrhage																				1	2.0
Hyperplasia, Lymphoid			2		2			2		2	2					2		2		19	2.3
Infiltration Cellular, Plasma Cell	4	3		4	3	4	2	2		3		2		2	1	3	2	2	2	33	2.8
Pigmentation					2															1	2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	2.0

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CD Rat Male
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DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00 06 97	00 07 27	00 07 28	00 07 29	00 07 64	00 07 67	00 07 83	00 07 88	00 07 89	00 07 90	00 07 91	00 08 47	00 08 48	00 08 49	00 08 50	00 08 79	00 08 83	00 08 98	00 08 99	*TOTALS	
Degeneration, Cystic									4	1	4									6	3.0
Hemorrhage																				1	2.0
Hyperplasia, Lymphoid												2				2		2		11	2.0
Infiltration Cellular, Mast Cell						2														2	2.0
Infiltration Cellular, Plasma Cell									3	2										4	2.8
Inflammation, Granulomatous			2	2	2	3			1			2	1	1		2	2		3	17	1.8
Polyarteritis																				2	3.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Adventitia, Polyarteritis																				1	3.0
Autolysis																				3	2.0
Capsule, Fibrosis																				1	2.0
Depletion Lymphoid																				2	4.0
Hematopoietic Cell Proliferation								1	2											9	2.6
Hyperplasia, Lymphoid									1											3	2.0
Hyperplasia, Stromal				3																1	3.0
Pigmentation	3	2			3		1	2		4	2	2	2	3	2	2		2	2	31	2.5
Thymus	I	+	+	+	+	I	+	+	+	+	+	+	+	+	M	+	+	M	+	42	
Atrophy		4	4	4	4		4	4	4	4	4	4	4	4		4	4		4	39	3.8
Autolysis																				1	4.0
Hemorrhage																				1	3.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	42	

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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 500PPM

DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00069 7	00072 7	00072 8	00072 9	00076 4	00076 7	00078 3	00078 8	00078 9	00079 0	00079 1	00084 7	00084 8	00084 9	00085 0	00087 9	00088 3	00089 8	00089 9	*TOTALS	
Alveolus, Hyperplasia			1	1								1					1			8	1.4
Degeneration	2	2			2	4	3		4				4					3	2	14	2.9
Duct, Dilatation										4										3	2.7
Lactation			2					2												7	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess																				1	4.0
Angiectasis																				1	3.0
Cyst Epithelial Inclusion			X																	2	
Epidermis, Hyperplasia														2						1	2.0
Foreign Body											X									1	
Hyperkeratosis														2						1	2.0
Inflammation, Chronic									2											1	2.0
Inflammation, Chronic Active					3															5	2.8
Inflammation, Pyogranulomat											4									1	4.0
Inflammation, Suppurative	4			4		4	4			4	4		4				4			19	3.8
Necrosis				2																4	2.5
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Compression										2										5	2.6

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CD Rat Male
F1 500PPM

DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00 06 97	00 07 27	00 07 28	00 07 29	00 07 64	00 07 67	00 07 83	00 07 88	00 07 89	00 07 90	00 07 91	00 08 47	00 08 48	00 08 49	00 08 50	00 08 79	00 08 83	00 08 98	00 08 99	*TOTALS	
Hemorrhage																				1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hemorrhage																				2	3.5
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hemorrhage																				1	2.0
Hydrocephalus										2										3	1.7
Infiltration Cellular, Lymphocyte																				1	2.0
Mineralization																				1	2.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Alveolar Epith, Hyperplasia																				1	1.0
Artery, Mineralization					1	1													1	9	1.1
Autolysis																				2	3.0
Infiltration Cellular, Histiocyte	1	1	2			1		1			1					2		1		16	1.3
Inflammation, Suppurative																				1	3.0
Metaplasia, Osseous										1										3	1.0
Peribronchial, Hyperplasia, Lymphoid																				1	2.0
Pigmentation																				1	1.0
Polyarteritis																				2	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	3.0
Inflammation, Suppurative				2												1				4	2.3

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CD Rat Male
F1 500PPM

DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00 06 97	00 07 27	00 07 28	00 07 29	00 07 64	00 07 67	00 07 83	00 07 88	00 07 89	00 07 90	00 07 91	00 08 47	00 08 48	00 08 49	00 08 50	00 08 79	00 08 83	00 08 98	00 08 99	*TOTALS	
Keratin Cyst																				1	
Metaplasia, Osseous						1														1	1.0
Upper Molar, Inflammation, Chronic Active																				2	1.5
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Epithelium, Hyperplasia																				1	2.0
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	35	
Bilateral, Retina, Atrophy								1				2			2		1	1	1	6	1.3
Cataract																				2	2.0
Inflammation, Chronic Active					2															1	2.0
Inflammation, Suppurative																				1	4.0
Retina, Atrophy																				1	1.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37	
Degeneration																				1	1.0
Infiltration Cellular, Lymphocyte	1		1								1								1	4	1.0
Pigmentation																				1	4.0
Lacrimal Gland			+	+			+													14	
Ectopic Harderian			X	X			X													14	
Zymbal's Gland																				1	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Accumulation, Hyaline Droplet																				1	4.0

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CD Rat Male
F1 500PPM

DAY ON TEST	07 43	07 45	07 45	07 44	07 46	07 45	07 49	07 48	07 48	07 48	07 48	07 49	07 49	07 49	07 50	07 49	07 49	07 49		
ANIMAL ID	00697	00727	00728	00729	00764	00767	00783	00788	00789	00790	00791	00847	00848	00849	00850	00879	00883	00898	00899	*TOTALS
Autolysis																			4	3.3
Capsule, Fatty Change																			2	
Cortex, Cyst	X	X	X	X	X		X		X			X	X	X	X	X	X	X	X	29	
Fibrosis																			1	1.0
Infiltration Cellular, Lymphocyte											1								5	1.0
Inflammation, Chronic													1						1	1.0
Nephropathy, Chronic	1	2	1	1		1	1	2	1	1					2	1	2	3	2	37	1.8
Pelvis, Dilatation																			1	4.0
Pelvis, Hyperplasia																			2	2.0
Polyarteritis																			1	2.0
Renal Tubule, Dilatation																			2	2.0
Renal Tubule, Inflammation, Suppurative																			1	2.0
Renal Tubule, Mineralization				1						2									4	1.8
Urethra																			1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																			1	4.0
Hemorrhage														1					2	1.5

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	04 06	04 86	05 65	05 84	06 27	06 55	06 65	06 69	06 89	07 13	07 13	07 24	07 31	07 34	07 37	07 37	07 37	07 38	07 36	07 39	07 39	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis				2									1																		
Intestine Large, Cecum	+	+	+	A	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	A	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum												+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	A	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	A	+	A	A	+	A	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	A	+	A	A	A	A	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis												2			2							2									
Autolysis												2		3																	
Basophilic Focus															X						X										
Bile Duct, Hyperplasia									1	1	1				1	2	1	1			1					1	1			1	
Biliar Tract, Fibrosis										1			1		1	2		1	1		1			1					1	1
Clear Cell Focus, Multiple																															
Degeneration, Cystic														1						2											
Developmental Malformation																															
Eosinophilic Focus, Multiple																					X				X						
Fatty Change													2																		
Infiltration Cellular, Lymphocyte										1																					
Inflammation, Chronic Active					1													1										1			

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	04 06	04 86	05 65	05 84	06 27	06 55	06 65	06 69	06 89	07 13	07 13	07 24	07 31	07 34	07 37	07 37	07 37	07 38	07 36	07 39	07 39	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Tension Lipidosis																							3								
Vacuolization Cytoplasmic		1														2													1		
Mesentery																															
Fat, Necrosis																															
Pancreas	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		2			2		2	3	1	3					2			2			2	2	1		1	1	1	3			2
Autolysis							3					3																			
Pigmentation					1																										
Salivary Glands	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Hyperplasia																															
Atrophy																													3		
Hyperplasia, Lymphoid																															
Stomach, Forestomach	+	+	+	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Submucosa, Edema													3																		
Stomach, Glandular	+	+	+	+	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		1	1	1				1		1			1				1	3		3		1	1	1	1			1			
Metaplasia, Osseous																							1								
Polyarteritis																						2									
Endocrine System																															

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	040 6	048 6	056 5	058 4	062 7	065 5	066 5	066 9	068 9	071 3	071 3	072 4	073 1	073 4	073 7	073 7	073 7	073 8	073 6	073 9	073 9	073 8	073 9	073 9	073 9	073 9	073 9	073 9	073 9	074 2	074 2
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Adrenal Cortex	+	+	+	A	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis										2			2																		
Autolysis							3																								
Capsule, Fibrosis															1																
Degeneration, Cystic																															
Hyperplasia			1														2														
Hypertrophy																	2	1			2							2			
Vacuolization Cytoplasmic					2						1				1		1	1	1	2	2	1		1	1	1		1	1	1	1
Adrenal Medulla	+	+	+	A	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		2								2											2										
Islets, Pancreatic	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1			1					1		1	1					2		1	1	2	1				1			1	1
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																															
Hyperplasia	2	1			2						2						2							2							
Pituitary Gland	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		4					2																								
Pars Distalis, Cyst					X						X															X					X
Pars Distalis, Cyst, Multiple																															
Pars Distalis, Hyperplasia							1			2	2						2	1	1	1	2		1			2	1			1	
Thyroid Gland	+	+	+	A	+	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia													2																		
Cyst, Squamous															X																

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	0406	0486	0565	0584	0627	0655	0665	0669	0689	0713	0713	0724	0731	0734	0737	0737	0737	0738	0736	0739	0739	0738	0739	0739	0739	0739	0739	0739	0739	0739	0742	0742
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Follicular Cel, Cyst																									X						
Follicular Cel, Hyperplasia	3																														
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	A	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		2											2			2															
Autolysis												2																			
Developmental Malformation																															
Hyperplasia												2																			
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																													3		
Hypospermia																													4		
Infiltration Cellular, Lymphocyte																															
Penis			+																												
Concretion			X																												
Hemorrhage			1																												
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess														4																	
Atrophy								3																		2					
Duct, Dilatation						4											3				4										
Infiltration Cellular, Lymphocyte			1						2		2	2				2		1	1	1				2							

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	04 06	04 86	05 65	05 84	06 27	06 55	06 65	06 69	06 89	07 13	07 13	07 24	07 31	07 34	07 37	07 37	07 37	07 38	07 36	07 39	07 39	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Inflammation, Suppurative	2			4	4					4			4				2				2		3				3		3		
Parenchym Cell, Degeneration			2	3					2	4	2	2	1			2	2		1								1		3		
Prostate				+	+					+							+									+					
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4			3																						
Degeneration																															2
Infiltration Cellular, Lymphocyte																													1		
Inflammation, Suppurative	3		2			4		2	2			4	3		3	3		1	2	2	3	1	2	2	2		1	3		1	2
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4	2							3																	
Degeneration	3						2				2																		1		
Hyperplasia	4	3												2								2		1							
Infiltration Cellular, Lymphocyte			1												1						1										
Inflammation, Suppurative						4					1	4															1		1		
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																									2				1		
Seminal Vesicle	+	+	A	A	+	A	A	+	A	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy													2																2		
Dilatation															2																
Inflammation, Chronic					2																										
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis																									1						
Seminif Tub, Degeneration		1			1	4	4	1		1	1				1	1	1	3	1		4		1	1	3	1	1	1	2		

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

CD Rat Male
F1 5PPM/CTL

DAY ON TEST	04 06	04 86	05 65	05 84	06 27	06 55	06 65	06 69	06 89	07 13	07 13	07 24	07 31	07 34	07 37	07 37	07 37	07 38	07 36	07 39	07 39	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia											2																				
Myeloid Cell, Hyperplasia	3								3																						
Lymph Node															+	+					+				+	+					
Lumbar, Degeneration, Cystic															4	3					4					3					
Lumbar, Hyperplasia, Lymphoid																3															
Lumbar, Infiltration Cellular, Plasma Cell																4										4					
Mediastinal, Hyperplasia, Lymphoid																															
Pancreatic, Hyperplasia, Lymphoid																									2						
Pancreatic, Inflammation, Granulomatous																									1						
Popliteal, Degeneration, Cystic																										2					
Popliteal, Hyperplasia, Lymphoid																										4					
Popliteal, Infiltration Cellular, Plasma Cell																										4					
Renal, Degeneration, Cystic																															
Renal, Hyperplasia, Lymphoid																															
Renal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic								3							3						2									2	
Hyperplasia, Lymphoid	1		2		2					3		2	3	2	2		3							2	3	1					
Infiltration Cellular, Plasma Cell			3					2	4		2	3	2	3	2	2	2	2	3	2	3	3	2		3			2	4	2	2
Lymph Node, Mesenteric	+	+	+	+	+	A	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

CD Rat Male
F1 5PPM/CTL

DAY ON TEST	04 06	04 86	05 65	05 84	06 27	06 55	06 65	06 69	06 89	07 13	07 13	07 24	07 31	07 34	07 37	07 37	07 37	07 38	07 36	07 39	07 39	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Autolysis							4																								
Degeneration, Cystic																														2	
Hyperplasia, Lymphoid	2		2																		2				2					2	2
Infiltration Cellular, Mast Cell	2									2																					
Infiltration Cellular, Plasma Cell																					2										
Inflammation, Granulomatous												2			2	1		1					1			1	1	2			2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+
Autolysis						3								2																	
Hematopoietic Cell Proliferation		3		3								3			1	2	2					2						2		
Hyperplasia, Lymphoid	2		2																		3										
Pigmentation	3	3	3		3	4				2		4	4	2	2		2	2	4	2		2	1		1	1	2	4		2	2
Thymus	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+
Atrophy	3		2		4	4		4		4	2	4	4	4	4	4	4	4	4	4		4	4	4	4		4	4	4	4	4
Autolysis						4																									
Epithel Cell, Hyperplasia																					3										
Hyperplasia, Lymphoid																					3										
Integumentary System																															
Mammary Gland	+	I	A	+	I	A	A	I	+	+	+	+	+	I	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia																															
Degeneration															2	1	2	2		3	4								2		
Duct, Dilatation													3						2												
Lactation												2																2			

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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 5PPM/CTL

DAY ON TEST	04 06	04 86	05 65	05 84	06 27	06 55	06 65	06 69	06 89	07 13	07 13	07 24	07 31	07 34	07 37	07 37	07 37	07 38	07 36	07 39	07 39	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42
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Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion												X		X																	
Epidermis, Hyperplasia		3	3				2		3																						
Hyperkeratosis		3	3				2		2																						
Inflammation, Chronic																				1											
Inflammation, Chronic Active		3							3		4			2											2						
Inflammation, Suppurative										4				4	4	4		4			4			4		4	4				
Necrosis																3										2					
Musculoskeletal System																															
Bone, Femur	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis												2																			
Compression								2				2	3																		
Gliosis							2																								
Hemorrhage			2																												
Brain, Cerebellum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis												2																			
Hemorrhage			2																												
Hydrocephalus												1	2																		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis												2																			

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	04 06	04 86	05 65	05 84	06 27	06 55	06 65	06 69	06 89	07 13	07 13	07 24	07 31	07 34	07 37	07 37	07 37	07 38	07 36	07 39	07 39	07 38	07 39	07 39	07 39	07 39	07 39	07 39	07 39	07 42	07 42
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Hemorrhage			2				2																								
Hydrocephalus												1	2																		
Respiratory System																															
Lung	+	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																										2					
Artery, Mineralization												1	1		1							1									
Autolysis												2																			
Infiltration Cellular, Histiocyte		1			2						1		1		2	2	2		2				1			1	2	2			2
Infiltration Cellular, Histiocytic																		1													
Infiltration Cellular, Lymphocyte					2																										
Inflammation, Chronic											2																				
Metaplasia, Osseous											2							1													
Nose	+	+	+	+	+	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis												2																			
Foreign Body	X																														
Fungus		X																													
Inflammation, Chronic Active		4	2																												2
Inflammation, Suppurative	1												2			2									1						
Necrosis		4	2																												
Upper Molar, Inflammation, Chronic Active												2	2																		
Trachea	+	+	+	+	+	+	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	040 6	048 6	056 5	058 4	062 7	065 5	066 5	066 9	068 9	071 3	071 3	072 4	073 1	073 4	073 7	073 7	073 7	073 8	073 6	073 9	073 9	073 8	073 9	073 9	073 9	073 9	073 9	073 9	073 9	074 2	074 2
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Eye												+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Atrophy																															
Cataract																															
Retina, Atrophy																		2													
Harderian Gland					+							+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																											2				
Epithelium, Hyperplasia														1																	
Infiltration Cellular, Lymphocyte																1															
Inflammation, Chronic					2																										
Lacrimal Gland					+							+	+	+			+		+	+	+		+			+				+	
Degeneration																															
Ectopic Harderian					X							X	X	X			X		X	X	X		X			X				X	
Infiltration Cellular, Lymphocyte					2																										
Inflammation, Chronic Active																															
Urinary System																															
Kidney	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4	4							4																	
Capsule, Fatty Change																															X
Congestion																															
Cortex, Cyst	X													X	X			X	X	X		X	X	X	X		X	X	X	X	
Fibrosis																															2
Infiltration Cellular, Lymphocyte								1																							

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1-4 ..Lesion qualified as:
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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	040 6	048 6	056 5	058 4	062 7	065 5	066 5	066 9	068 9	071 3	071 3	072 4	073 1	073 4	073 7	073 7	073 7	073 8	073 6	073 9	073 9	073 8	073 9	073 9	073 9	073 9	073 9	073 9	073 9	074 2	074 2
ANIMAL ID	00092	00121	00176	00199	00254	00302	00319	00329	00366	00409	00410	00436	00448	00459	00472	00473	00477	00513	00525	00573	00574	00577	00594	00595	00596	00597	00598	00602	00624	00636	00637
Inflammation, Chronic																															1
Nephropathy, Chronic	1	1	2		2	2				1	3	2	4		1	3	2	1	1		1	2		2	1	1	1	1	1	1	
Pelvis, Dilatation																										2					
Pelvis, Hyperplasia						2				2											1										
Pelvis, Inflammation, Suppurative						2																									
Pelvis, Mineralization																															
Polycystic Kidney																															
Renal Tubule, Dilatation					2																										
Urethra						+																									
Urinary Bladder	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						3																									
Inflammation, Chronic Active						3																									
Transit Epithe, Hyperplasia						3																									

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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 49	07 49	07 48	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 52		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperkeratosis																				2	1.5
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Angiectasis			2																	4	2.0
Autolysis																				2	2.5
Basophilic Focus																				2	
Bile Duct, Hyperplasia				1							2	1								14	1.1
Biliar Tract, Fibrosis	1										1									12	1.1
Clear Cell Focus, Multiple													X							1	
Degeneration, Cystic												2								3	1.7
Developmental Malformation						X														1	
Eosinophilic Focus, Multiple																				2	
Fatty Change																				1	2.0
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation, Chronic Active	1			1													1			6	1.0

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 49	07 49	07 48	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 52	*TOTALS		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923			
Tension Lipidosis																					1	3.0
Vacuolization Cytoplasmic																					3	1.3
Mesentery								+												1		
Fat, Necrosis								4													1	4.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Acinar Cell, Degeneration	1	2	3	1	3	3		1	2		1	2	2	2	3	1	2		1		32	1.9
Autolysis																					2	3.0
Pigmentation																					1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Acinar Cell, Hyperplasia					2																1	2.0
Atrophy																					1	3.0
Hyperplasia, Lymphoid										4											1	4.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Submucosa, Edema																					1	3.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Cardiomyopathy	1		1		1				2	1	2		1				2	1			23	1.3
Metaplasia, Osseous																1					2	1.0
Polyarteritis																					1	2.0
Endocrine System																						

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

CD Rat Male
F1 5PPM/CTL

DAY ON TEST	074 3	074 3	074 4	074 4	074 4	074 4	074 5	074 9	074 9	074 8	074 9	074 9	075 0	075 0	075 0	075 0	075 2	075 2	075 2		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Angiectasis																				2	2.0
Autolysis																				1	3.0
Capsule, Fibrosis																				1	1.0
Degeneration, Cystic						2														1	2.0
Hyperplasia						2		3								3				5	2.2
Hypertrophy										2									1	6	1.7
Vacuolization Cytoplasmic						2		2	2	2	1		1	1	1	1		1		26	1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyperplasia									1					1				1		6	1.5
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia		1							2			1		1	1			1		19	1.2
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Bilateral, Hyperplasia								1												1	1.0
Hyperplasia				1		1					1									9	1.6
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				2	3.0
Pars Distalis, Cyst					X												X			6	
Pars Distalis, Cyst, Multiple											X									1	
Pars Distalis, Hyperplasia		2						1	2	3		3	2	3						19	1.7
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
C Cell, Hyperplasia																	2			2	2.0
Cyst, Squamous													X							2	

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 49	07 49	07 48	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 52	*TOTALS	
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923		
Follicular Cel, Cyst											X									2	
Follicular Cel, Hyperplasia																				1	3.0
General Body System																					
NONE																					
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Atrophy																				3	2.0
Autolysis																				1	2.0
Developmental Malformation										X					X					2	
Hyperplasia																				1	2.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration																				1	3.0
Hypospermia																				1	4.0
Infiltration Cellular, Lymphocyte								1												1	1.0
Penis																				1	
Concretion																				1	
Hemorrhage																				1	1.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess																				1	4.0
Atrophy																				2	2.5
Duct, Dilatation					3		4				2		3	4						8	3.4
Infiltration Cellular, Lymphocyte	2		1							1							1	2	2	15	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 5PPM/CTL

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 49	07 49	07 48	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 52	*TOTALS		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923			
Inflammation, Suppurative				3	2		4	4	2		4	4	4	3		3					20	3.2
Parenchym Cell, Degeneration	2	2			2	1				1			4				1	2	1		21	2.0
Prostate								+							+	+				8		
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Autolysis																					2	3.5
Degeneration																					1	2.0
Infiltration Cellular, Lymphocyte																					1	1.0
Inflammation, Suppurative	2	2		2	2	2	2		1	1	3	2	2					3	1		34	2.1
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Autolysis																					3	3.0
Degeneration				1																	5	1.8
Hyperplasia							4							2			2		1		9	2.3
Infiltration Cellular, Lymphocyte			1								1						1				6	1.0
Inflammation, Suppurative														1							6	2.0
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Dilatation				1																	3	1.3
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Atrophy																					2	2.0
Dilatation																					1	2.0
Inflammation, Chronic																					1	2.0
Testes	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Polyarteritis																					1	1.0
Seminif Tub, Degeneration	1	2	1				1	1	1	1	2	1			4	2		1			32	1.6

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	074 3	074 3	074 4	074 4	074 4	074 4	074 5	074 9	074 9	074 8	074 9	074 9	075 0	075 0	075 0	075 0	075 2	075 2	075 2		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Erythroid Cell, Hyperplasia																				1	2.0
Myeloid Cell, Hyperplasia											2									3	2.7
Lymph Node				+		+			+	+	+	+			+			+	+	14	
Lumbar, Degeneration, Cystic				2		4			3	2								2		9	3.0
Lumbar, Hyperplasia, Lymphoid																				1	3.0
Lumbar, Infiltration Cellular, Plasma Cell				4					4	2								4		6	3.7
Mediastinal, Hyperplasia, Lymphoid																			2	1	2.0
Pancreatic, Hyperplasia, Lymphoid																				1	2.0
Pancreatic, Inflammation, Granulomatous																				1	1.0
Popliteal, Degeneration, Cystic																				1	2.0
Popliteal, Hyperplasia, Lymphoid															2					2	3.0
Popliteal, Infiltration Cellular, Plasma Cell															2					2	3.0
Renal, Degeneration, Cystic											3									1	3.0
Renal, Hyperplasia, Lymphoid											4									1	4.0
Renal, Infiltration Cellular, Plasma Cell											4									1	4.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration, Cystic						1					2									6	2.2
Hyperplasia, Lymphoid			2							3	2	2							2	17	2.2
Infiltration Cellular, Plasma Cell		2		2	2	2		2				2					2			28	2.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 49	07 49	07 48	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 52		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
Autolysis																				1	4.0
Degeneration, Cystic																				1	2.0
Hyperplasia, Lymphoid											2									7	2.0
Infiltration Cellular, Mast Cell																				2	2.0
Infiltration Cellular, Plasma Cell																				1	2.0
Inflammation, Granulomatous	2	1	1			2	2		2	1	1	1	1	2				2	1	22	1.5
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				2	2.5
Hematopoietic Cell Proliferation	2			1	2													1		12	2.0
Hyperplasia, Lymphoid																				3	2.3
Pigmentation		2	1	1		3	1	2		2		2		1	1	2	1		3	35	2.2
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	47	
Atrophy	3	4	4	4	4	4	4	4	4	4	4		4	4	4			4	4	41	3.9
Autolysis																				1	4.0
Epithel Cell, Hyperplasia																2				2	2.5
Hyperplasia, Lymphoid																				1	3.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Alveolus, Hyperplasia			1																	1	1.0
Degeneration	2					2					4	2	4	4	1	4	2		4	17	2.6
Duct, Dilatation																				2	2.5
Lactation																		2		3	2.0

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 49	07 49	07 48	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 52		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion			X																	3	
Epidermis, Hyperplasia												2	2							6	2.5
Hyperkeratosis												1	2							6	2.2
Inflammation, Chronic																				1	1.0
Inflammation, Chronic Active	4									2										7	2.9
Inflammation, Suppurative		3		4	4	4	4	4	4		4				4		4	4	4	21	4.0
Necrosis						3														3	2.7
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1	2.0
Compression																		1		4	2.0
Gliosis																				1	2.0
Hemorrhage																				1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				1	2.0
Hemorrhage																				1	2.0
Hydrocephalus																				2	1.5
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1	2.0

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 49	07 49	07 48	07 49	07 49	07 50	07 50	07 50	07 50	07 52	07 52	07 52	*TOTALS	
ANIMAL ID	00 06 85	00 07 00	00 07 16	00 07 37	00 07 40	00 07 41	00 07 74	00 07 98	00 07 99	00 08 04	00 08 56	00 08 60	00 08 92	00 08 93	00 08 94	00 08 95	00 09 03	00 09 20	00 09 23		
Hemorrhage																				2	2.0
Hydrocephalus																				2	1.5
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Alveolar Epith, Hyperplasia																	1		1	3	1.3
Artery, Mineralization																2				5	1.2
Autolysis																				1	2.0
Infiltration Cellular, Histiocyte	1			1		1		2							1		1	2	1	21	1.5
Infiltration Cellular, Histiocytic																				1	1.0
Infiltration Cellular, Lymphocyte																				1	2.0
Inflammation, Chronic																				1	2.0
Metaplasia, Osseous																1				3	1.3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Autolysis																				1	2.0
Foreign Body																				1	
Fungus																				1	
Inflammation, Chronic Active																				3	2.7
Inflammation, Suppurative											1									5	1.4
Necrosis																				2	3.0
Upper Molar, Inflammation, Chronic Active																				2	2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Special Senses System																					

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	074 3	074 3	074 4	074 4	074 4	074 4	074 5	074 9	074 9	074 8	074 9	074 9	075 0	075 0	075 0	075 0	075 2	075 2	075 2		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37	
Bilateral, Retina, Atrophy								2	2	1				2			1			5	1.6
Cataract				1																1	1.0
Retina, Atrophy																2				2	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39	
Degeneration																				1	2.0
Epithelium, Hyperplasia																				1	1.0
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation, Chronic																				1	2.0
Lacrimal Gland				+										+				+		14	
Degeneration				2																1	2.0
Ectopic Harderian														X				X		13	
Infiltration Cellular, Lymphocyte																				1	2.0
Inflammation, Chronic Active				3																1	3.0
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				3	4.0
Capsule, Fatty Change																		X		2	
Congestion																	3			1	3.0
Cortex, Cyst		X		X	X		X	X	X		X	X	X		X	X		X	X	27	
Fibrosis																				1	2.0
Infiltration Cellular, Lymphocyte				1																2	1.0

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CD Rat Male
F1 5PPM/CTL

DAY ON TEST	074 3	074 3	074 4	074 4	074 4	074 4	074 5	074 9	074 9	074 8	074 9	074 9	075 0	075 0	075 0	075 0	075 2	075 2	075 2		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
Inflammation, Chronic																				1	1.0
Nephropathy, Chronic	1	3	2		1	1		1	2		2	1	1	1	1	2	2	1	1	39	1.5
Pelvis, Dilatation																				1	2.0
Pelvis, Hyperplasia																			1	4	1.5
Pelvis, Inflammation, Suppurative																				1	2.0
Pelvis, Mineralization																			2	1	2.0
Polycystic Kidney										3										1	3.0
Renal Tubule, Dilatation																				1	2.0
Urethra																				1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	3.0
Inflammation, Chronic Active																				1	3.0
Transit Epithe, Hyperplasia																				1	3.0

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	026 7	035 0	036 2	045 6	060 3	060 5	061 0	062 7	063 1	064 4	064 8	067 6	067 8	070 2	070 3	072 2	073 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 7	074 2	074 2	074 4	074 4
ANIMAL ID	00042	00061	00064	00116	00217	00225	00226	00240	00269	00286	00290	00346	00349	00388	00391	00430	00474	00475	00476	00503	00514	00515	00519	00520	00526	00579	00583	00631	00632	00679	00681
Alimentary System																															
Esophagus	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hyperkeratosis			2																											
Intestine Large, Cecum	+	+	A	A	A	+	+	M	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hyperplasia, Lymphoid																					2									
Intestine Large, Colon	+	+	A	A	A	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Intestine Large, Rectum																+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Intestine Small, Duodenum	+	+	A	A	A	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Intestine Small, Ileum	+	A	A	A	A	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Intestine Small, Jejunum	+	A	A	A	A	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Liver	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Angiectasis					3														2											
Autolysis			3																											
Basophilic Focus										X														X		X				
Bile Duct, Hyperplasia						2						1	1					2	1				1			1			1	
Biliar Tract, Fibrosis											1							1	1							1		1	1	1
Clear Cell Focus, Multiple											X																			
Cyst																														
Degeneration, Cystic																		2							2				1	
Eosinophilic Focus																								X					X	
Eosinophilic Focus, Multiple																	X													
Hematopoietic Cell Proliferation															1															

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	026 7	035 0	036 2	045 6	060 3	060 5	061 0	062 7	063 1	064 4	064 8	067 6	067 8	070 2	070 3	072 2	073 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 7	074 2	074 2	074 4	074 4
ANIMAL ID	00042	00061	00064	00116	00217	00225	00226	00240	00269	00286	00290	00346	00349	00388	00391	00430	00474	00475	00476	00503	00514	00515	00519	00520	00526	00579	00583	00631	00632	00679	00681
Hepatodiaphragmatic Nodule																		X							X						
Infiltration Cellular, Lymphocyte						1					1							1													
Inflammation, Chronic Active	1						1	1	1														1					1			
Necrosis	1						1	1																							
Tension Lipidosis																															
Vacuolization Cytoplasmic											2						2					1				1					
Mesentery													+																		
Fat, Necrosis													3																		
Pancreas	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Accessory Spleen																															
Acinar Cell, Degeneration	1					2	3	3	1			2	2		3		1	2	2	2	2	2			1	3			2	2	2
Adventitia, Polyarteritis							2																								
Autolysis			2																												
Inflammation, Chronic							2	2																							
Inflammation, Chronic Active											2																				
Pigmentation						1		1																							
Salivary Glands	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Stomach, Forestomach	+	+	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Stomach, Glandular	+	+	A	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	026 7	035 0	036 2	045 6	060 3	060 5	061 0	062 7	063 1	064 4	064 8	067 6	067 8	070 2	070 3	072 2	073 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 7	074 2	074 2	074 4	074 4
ANIMAL ID	00042	00061	00064	00116	00217	00225	00226	00240	00269	00286	00290	00346	00349	00388	00391	00430	00474	00475	00476	00503	00514	00515	00519	00520	00526	00579	00583	00631	00632	00679	00681
Autolysis										2																					
Cardiomyopathy									1	1	1	1	1							1	2	2	1	1	1	1			1	1	
Endocardium, Hyperplasia																															
Endocardium, Inflammation, Chronic Active																			2												
Thrombosis																			X												
Endocrine System																															
Adrenal Cortex	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	A	+	+	+	+
Accessory Adrenal Cortical Nodule																X															
Degeneration, Cystic											2													2							
Hyperplasia																															
Hypertrophy											2				2	2			1												
Metaplasia, Osseous																															
Vacuolization Cytoplasmic		3							2		2	1			2		1		1	1			2						1		
Adrenal Medulla	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	A	+	+	+	+
Bilateral, Hyperplasia																	1														
Hyperplasia								2	2							2														2	3
Infiltration Cellular, Lymphocyte																										2					
Vacuolization Cytoplasmic																															
Islets, Pancreatic	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Hyperplasia			2					2					2	3	1						1	1		1		2					
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Bilateral, Hyperplasia																						3									

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	026 7	035 0	036 2	045 6	060 3	060 5	061 0	062 7	063 1	064 4	064 8	067 6	067 8	070 2	070 3	072 2	073 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 7	074 2	074 2	074 4	074 4
ANIMAL ID	00042	00061	00064	00116	00217	00225	00226	00240	00269	00286	00290	00346	00349	00388	00391	00430	00474	00475	00476	00503	00514	00515	00519	00520	00526	00579	00583	00631	00632	00679	00681
Hyperplasia							1				1			1	1																2
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis				4																							4				
Pars Distalis, Cyst														X	X																
Pars Distalis, Cyst, Multiple																															
Pars Distalis, Hyperplasia								1			1			2			2				3	1	2	2				2		2	
Pars Intermed, Hyperplasia																															
Thyroid Gland	+	+	A	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Cyst, Squamous					X											X								X							
Vacuolization Cytoplasmic																															
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Atrophy						2											2							2							
Developmental Malformation												X						X							X						
Inflammation, Suppurative														4																	
Epididymis	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Degeneration			4		2																		2								2
Hypospermia					4												4	4					4	4							4
Infiltration Cellular, Lymphocyte												1											2	1							
Inflammation, Suppurative			4																												

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	267	350	362	456	603	605	610	627	631	644	648	676	678	702	703	722	737	737	737	737	738	738	738	738	738	738	737	742	742	744	744
ANIMAL ID	00042	00061	00064	00116	00217	00225	00226	00240	00269	00286	00290	00346	00349	00388	00391	00430	00474	00475	00476	00503	00514	00515	00519	00520	00526	00579	00583	00631	00632	00679	00681
Preputial Gland	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															
Atrophy																															2
Autolysis																											4				
Duct, Dilatation																									4						
Infiltration Cellular, Lymphocyte			1								1				2		2	2	1			2	1	1		2			1		1
Inflammation, Chronic						2																									
Inflammation, Suppurative		2			4	3	3	4		2						2				4	4				4		4	2		2	
Parenchym Cell, Degeneration			1							1					1		2	1	1		2	4		2	3			2	1	2	1
Prostate								+			+										+			+							
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis				3										4													4				
Degeneration		3																													
Infiltration Cellular, Lymphocyte																									1						
Inflammation, Suppurative	1	4		3	4	2	1		2			2	3	4	2	2	2	4	2	2		2	2			2	2	1	2	2	2
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Autolysis				4										4																	
Degeneration					2				2									3		2											
Hyperplasia										2					2	1														1	
Infiltration Cellular, Lymphocyte															1			2				4						1			
Inflammation, Suppurative		4			2	2								4			1			3			1								
Rete Testes	+	+	+	+	M	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I
Dilatation															1								3								

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	267	350	362	456	603	605	610	627	631	644	648	676	678	702	703	722	737	737	737	737	738	738	738	738	738	738	737	742	742	744	744
ANIMAL ID	00042	00061	00064	00116	00217	00225	00226	00240	00269	00286	00290	00346	00349	00388	00391	00430	00474	00475	00476	00503	00514	00515	00519	00520	00526	00579	00583	00631	00632	00679	00681
Fibrosis																															
Seminal Vesicle	+	+	+	A	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Atrophy		3			3	2																									
Autolysis					4																										
Dilatation																															
Hyperplasia																															
Inflammation, Chronic Active																															
Inflammation, Suppurative			4																												
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	A		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			2	4																							4				
Polyarteritis																		2													
Seminif Tub, Degeneration		1	1		4				1	2							4	4			4	1	4					1		1	4
Hematopoietic System																															
Bone Marrow	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Autolysis														2																	
Erythroid Cell, Hyperplasia																															
Hypocellularity														4																	
Myeloid Cell, Hyperplasia			4																												
Lymph Node							+											+				+							+		+
Inguinal, Hyperplasia, Lymphoid																															
Inguinal, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																		4				2									2

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	026 7	035 0	036 2	045 6	060 3	060 5	061 0	062 7	063 1	064 4	064 8	067 6	067 8	070 2	070 3	072 2	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 7	074 2	074 2	074 4	074 4
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Lumbar, Hyperplasia, Lymphoid																		3													2
Lumbar, Infiltration Cellular, Plasma Cell																		3				4									3
Pancreatic, Hemorrhage																															
Pancreatic, Infiltration Cellular, Plasma Cell																															
Pancreatic, Pigmentation																															
Renal, Degeneration, Cystic																													4		
Renal, Fibrosis																															
Renal, Hyperplasia, Lymphoid																													3		
Renal, Infiltration Cellular, Plasma Cell																													4		
Lymph Node, Mandibular	+	+	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Degeneration, Cystic																							4								
Hyperplasia, Lymphoid								3	2			2			3	3							2								
Infiltration Cellular, Plasma Cell							3			3		4			4	3	2	2					2			4			3		
Lymph Node, Mesenteric	+	+	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Degeneration, Cystic																				4					1						
Hyperplasia, Lymphoid															1									2							
Infiltration Cellular, Plasma Cell																															
Inflammation, Granulomatous							2			1				3			2	2	1		1	2	1			1			1	3	2
Pigmentation							4																								
Spleen	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Autolysis			2							2				3																	
Depletion Lymphoid					4																										
Hematopoietic Cell Proliferation					2													1			1	1		1					1	1

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CD Rat Male
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DAY ON TEST	026 7	035 0	036 2	045 6	060 3	060 5	061 0	062 7	063 1	064 4	064 8	067 6	067 8	070 2	070 3	072 2	073 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 7	074 2	074 2	074 4	074 4
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Hyperplasia, Lymphoid																															
Inflammation, Chronic Active							4																								
Necrosis							4																								
Pigmentation	4		4		2		4	2	2	3	1	1	3	4	1		2	2	1				2						1	1	
Thymus	I	+	+	A	+	+	I	+	M	+	+	+	+	M	+	I	I	+	+	+	+	+	+	M	+	+	A	+	+	+	+
Atrophy			4		4	4		3		4	2	4	4		4			4	4		4	4	3		4	4		4	4	4	4
Autolysis			4																												
Integumentary System																															
Mammary Gland	I	+	M	I	I	+	I	I	M	+	I	I	+	M	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	I	+
Alveolus, Hyperplasia																				2											
Degeneration																3		2			1	2	4		3						3
Duct, Dilatation																													3		
Infiltration Cellular, Mast Cell		2																													
Lactation													2													2					
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis						4																									
Foreign Body					X																										
Hemorrhage																															
Inflammation, Chronic																				2											
Inflammation, Chronic Active						2		1	2				4				3		4		3	4									
Inflammation, Granulomatous																															
Inflammation, Suppurative					4					4		4		4				4						4		4	3	4	4	4	4

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CD Rat Male
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ANIMAL ID	000 42	000 61	000 64	001 16	002 17	002 25	002 26	002 40	002 69	002 86	002 90	003 46	003 49	003 88	003 91	004 30	004 74	004 75	004 76	005 03	005 14	005 15	005 19	005 20	005 26	005 79	005 83	006 31	006 32	006 79	006 81
Necrosis																			3												
Musculoskeletal System																															
Bone, Cranium										+																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Autolysis																															
Compression										3			2			2															
Cyst																								X							
Hemorrhage										2																					
Brain, Cerebellum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hydrocephalus													2																		
Brain, Cerebrum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Compression										2																					
Developmental Malformation																				X											
Ectopic Tissue										X																					
Gliosis										2																					
Hemorrhage										2																					
Hydrocephalus		2											2			2															
Mineralization										2																					
Respiratory System																															

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Lung	+	+	A	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Alveolar Epith, Hyperplasia																													2		
Artery, Mineralization						2										1							1								
Hemorrhage																								4							
Infiltration Cellular, Histiocyte							2						2		2		1	1				3	1			1		2	2		
Metaplasia, Osseous						1										1												1			
Nose	+	+	A	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Foreign Body													X																		
Inflammation, Chronic Active													2					2	2												
Inflammation, Suppurative					4			2							2	2							1								1
Keratin Cyst					X																										
Trachea	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Special Senses System																															
Eye															+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Antr Chamber, Hemorrhage															4																
Antr Chamber, Inflammation, Suppurative															4																
Bilateral, Retina, Atrophy																			2												
Cornea, Degeneration															4																
Cornea, Inflammation, Suppurative															4																
Cornea, Ulcer															4																
Harderian Gland																+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Infiltration Cellular, Lymphocyte																													1		

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CD Rat Male
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Lacrimal Gland																		+			+	+				+		+			
Degeneration																															
Ectopic Harderian																		X			X	X				X		X			
Infiltration Cellular, Lymphocyte																															
Zymbal's Gland									+																						
Inflammation, Suppurative									4																						
Urinary System																															
Kidney	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Accumulation, Hyaline Droplet																				4											
Autolysis			4							4				3																	
Capsule, Fatty Change																X															
Cortex, Cyst							X				X	X		X		X		X			X	X		X	X	X		X	X		
Fibrosis																	1														
Infiltration Cellular, Lymphocyte															1																
Inflammation, Chronic	1																														
Inflammation, Chronic Active																															
Nephropathy, Chronic		4				3	2	2	2	2	3		2			3	2	1	2	4	1	2	1	2	1	1		4	2	1	1
Pelvis, Dilatation			3											2															1		
Pelvis, Hyperplasia			3											2											1						
Pelvis, Inflammation, Suppurative			3											4																	
Renal Tubule, Inflammation, Suppurative																									2						
Renal Tubule, Mineralization														2																	

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	026 7	035 0	036 2	045 6	060 3	060 5	061 0	062 7	063 1	064 4	064 8	067 6	067 8	070 2	070 3	072 2	073 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 7	074 2	074 2	074 4	074 4
ANIMAL ID	00042	00061	00064	00116	00217	00225	00226	00240	00269	00286	00290	00346	00349	00388	00391	00430	00474	00475	00476	00503	00514	00515	00519	00520	00526	00579	00583	00631	00632	00679	00681
Urethra																															
Congestion																															
Urinary Bladder	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Autolysis														3																	
Dilatation														4																	
Hemorrhage														3																	

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 44	07 46	07 46	07 46	07 45	07 45	07 49	07 48	07 50	07 49	07 50	07 49	07 49	07 52	07 47	07 52	07 52		
ANIMAL ID	00 073 3	00 073 4	00 074 3	00 076 8	00 076 9	00 077 0	00 077 2	00 077 3	00 078 5	00 079 7	00 082 5	00 085 7	00 088 7	00 089 0	00 089 1	00 090 1	00 090 6	00 092 1	00 092 2	*TOTALS	
Alimentary System																					
Esophagus	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyperkeratosis																				1	2.0
Intestine Large, Cecum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Hyperplasia, Lymphoid																				1	2.0
Intestine Large, Colon	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Intestine Large, Rectum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33	
Intestine Small, Duodenum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Intestine Small, Ileum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Intestine Small, Jejunum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Liver	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Angiectasis	2																2			4	2.3
Autolysis																				1	3.0
Basophilic Focus	X																			4	
Bile Duct, Hyperplasia																				8	1.3
Biliar Tract, Fibrosis											1								1	9	1.0
Clear Cell Focus, Multiple																				1	
Cyst		X																		1	
Degeneration, Cystic																				3	1.7
Eosinophilic Focus									X											3	
Eosinophilic Focus, Multiple																				1	
Hematopoietic Cell Proliferation																				1	1.0

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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 100PPM/CTL

DAY ON TEST	07/45	07/45	07/44	07/46	07/46	07/46	07/45	07/45	07/49	07/48	07/50	07/49	07/50	07/49	07/49	07/52	07/47	07/52	07/52		
ANIMAL ID	00733	00734	00743	00768	00769	00770	00772	00773	00785	00797	00825	00857	00887	00890	00891	00901	00906	00921	00922	*TOTALS	
Hepatodiaphragmatic Nodule																				2	
Infiltration Cellular, Lymphocyte																				3	1.0
Inflammation, Chronic Active													1	2					1	9	1.1
Necrosis																				3	1.0
Tension Lipidosis					3															1	3.0
Vacuolization Cytoplasmic							1													5	1.4
Mesentery																				1	
Fat, Necrosis																				1	3.0
Pancreas	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Accessory Spleen																	X			1	
Acinar Cell, Degeneration	1	2				1	2	2	3	2	1	1			3	2	1	1	1	33	1.8
Adventitia, Polyarteritis																				1	2.0
Autolysis																				1	2.0
Inflammation, Chronic																				2	2.0
Inflammation, Chronic Active																				1	2.0
Pigmentation																				2	1.0
Salivary Glands	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Stomach, Forestomach	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Stomach, Glandular	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	074 45	074 45	074 44	074 46	074 46	074 46	074 45	074 45	074 49	074 48	075 00	074 49	075 00	074 49	074 49	075 02	074 47	075 22	075 22	*TOTALS	
ANIMAL ID	00 073 33	00 073 34	00 074 43	00 076 68	00 076 69	00 077 70	00 077 72	00 077 73	00 077 85	00 077 97	00 082 25	00 085 57	00 088 87	00 088 90	00 089 91	00 090 01	00 090 06	00 092 21	00 092 22		
Autolysis																				1	2.0
Cardiomyopathy	1	1			1	1				2	1		1	1	2	1	1	2	1	27	1.2
Endocardium, Hyperplasia								2												1	2.0
Endocardium, Inflammation, Chronic Active																				1	2.0
Thrombosis																				1	
Endocrine System																					
Adrenal Cortex	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Accessory Adrenal Cortical Nodule													X				X			3	
Degeneration, Cystic	2	2		2						1										6	1.8
Hyperplasia							2		1	1										3	1.3
Hypertrophy	2						1					1								7	1.6
Metaplasia, Osseous															3					1	3.0
Vacuolization Cytoplasmic	2						2	2	2	2	2	1			2	2	2	4	3	22	1.9
Adrenal Medulla	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Bilateral, Hyperplasia																				1	1.0
Hyperplasia																				5	2.2
Infiltration Cellular, Lymphocyte																				1	2.0
Vacuolization Cytoplasmic																		2		1	2.0
Islets, Pancreatic	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hyperplasia						1	1	1	2		1							1		15	1.5
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	47	
Bilateral, Hyperplasia																			2	2	2.5

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	074 45	074 45	074 44	074 46	074 46	074 46	074 45	074 45	074 49	074 48	075 00	074 49	075 00	074 49	074 49	075 02	074 47	075 22	075 22		
ANIMAL ID	0007333	0007344	0007443	0007668	0007669	0007700	0007722	0007733	0007885	0007907	0008225	0008557	0008887	0008900	0008911	0009001	0009006	0009211	0009222	*TOTALS	
Hyperplasia					2		1						1							8	1.3
Pituitary Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	I	48	
Autolysis			4																	3	4.0
Pars Distalis, Cyst																		X		3	
Pars Distalis, Cyst, Multiple												X								1	
Pars Distalis, Hyperplasia	1			3			2		2			2			1	1	2	2		19	1.8
Pars Intermed, Hyperplasia							2													1	2.0
Thyroid Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Cyst, Squamous	X																			4	
Vacuolization Cytoplasmic																		3	3	2	3.0
General Body System																					
NONE																					
Genital System																					
Coagulating Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Atrophy																				3	2.0
Developmental Malformation									X											4	
Inflammation, Suppurative																				1	4.0
Epididymis	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Degeneration									1											5	2.2
Hypospermia									4											7	4.0
Infiltration Cellular, Lymphocyte											1									4	1.3
Inflammation, Suppurative																				1	4.0

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2) Mild 4) Marked

CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 44	07 46	07 46	07 46	07 45	07 45	07 49	07 48	07 50	07 49	07 50	07 49	07 49	07 52	07 47	07 52	07 52		
ANIMAL ID	00 07 33 3	00 07 34 4	00 07 44 3	00 07 76 8	00 07 76 9	00 07 77 0	00 07 77 2	00 07 77 3	00 07 78 5	00 07 79 7	00 08 25	00 08 57	00 08 87	00 08 89 0	00 08 89 1	00 09 01	00 09 06	00 09 21	00 09 22	*TOTALS	
Preputial Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Abscess																	4			1	4.0
Atrophy																				1	2.0
Autolysis																				1	4.0
Duct, Dilatation		4															3			3	3.7
Infiltration Cellular, Lymphocyte		2											1	1					2	16	1.4
Inflammation, Chronic																				1	2.0
Inflammation, Suppurative	4						4	2	4	2		1			2	3		4		22	3.0
Parenchym Cell, Degeneration		4					3	1	2			1			2	2	3	4		23	2.0
Prostate		+										+								6	
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis			4																	4	3.8
Degeneration									2											2	2.5
Infiltration Cellular, Lymphocyte															1					2	1.0
Inflammation, Suppurative	1		2	2	2	2	2	2	2	1	2		3	1		1	2	2	1	40	2.1
Prostate, Ventral Lobe	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				2	4.0
Degeneration																2				5	2.2
Hyperplasia																				4	1.5
Infiltration Cellular, Lymphocyte																				4	2.0
Inflammation, Suppurative					1						1		2							10	2.1
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Dilatation		2																		3	2.0

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 44	07 46	07 46	07 46	07 45	07 45	07 49	07 48	07 50	07 49	07 50	07 49	07 49	07 52	07 47	07 52	07 52		
ANIMAL ID	00 07 33 3	00 07 33 4	00 07 44 3	00 07 67 6 8	00 07 67 6 9	00 07 67 7 0	00 07 77 2	00 07 77 3	00 07 78 5	00 07 79 7	00 08 22 5	00 08 85 7	00 08 88 7	00 08 89 0	00 08 89 1	00 09 00 1	00 09 00 6	00 09 22 1	00 09 22 2	*TOTALS	
Fibrosis									2											1	2.0
Seminal Vesicle	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Atrophy																				3	2.7
Autolysis																				1	4.0
Dilatation								3												1	3.0
Hyperplasia								3												1	3.0
Inflammation, Chronic Active								2												1	2.0
Inflammation, Suppurative																				1	4.0
Testes	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Autolysis			4																	4	3.5
Polyarteritis																				1	2.0
Seminif Tub, Degeneration				1	1		1		4	1	1	3		1			1	1		23	2.0
Hematopoietic System																					
Bone Marrow	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Autolysis																				1	2.0
Erythroid Cell, Hyperplasia													2							1	2.0
Hypocellularity																				1	4.0
Myeloid Cell, Hyperplasia	4												2				3			4	3.3
Lymph Node		+							+	+	+	+	+		+		+	+		14	
Inguinal, Hyperplasia, Lymphoid										3							3			2	3.0
Inguinal, Infiltration Cellular, Plasma Cell										3							4			2	3.5
Lumbar, Degeneration, Cystic										2	4	4			2					7	2.9

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	074 5	074 5	074 4	074 6	074 6	074 6	074 5	074 5	074 9	074 8	075 0	074 9	075 0	074 9	074 9	075 2	074 7	075 2	075 2		
ANIMAL ID	00733	00734	00743	00768	00769	00770	00772	00773	00785	00797	00825	00857	00887	00890	00891	00901	00906	00921	00922	*TOTALS	
Lumbar, Hyperplasia, Lymphoid		3								3	2	4						3		7	2.9
Lumbar, Infiltration Cellular, Plasma Cell		3								4	3	3	4		4			3		10	3.4
Pancreatic, Hemorrhage									1											1	1.0
Pancreatic, Infiltration Cellular, Plasma Cell																		3		1	3.0
Pancreatic, Pigmentation									1											1	1.0
Renal, Degeneration, Cystic													4							2	4.0
Renal, Fibrosis													4							1	4.0
Renal, Hyperplasia, Lymphoid																				1	3.0
Renal, Infiltration Cellular, Plasma Cell													4							2	4.0
Lymph Node, Mandibular	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Degeneration, Cystic															2	3			2	4	2.8
Hyperplasia, Lymphoid	2									2					2	2		2		11	2.3
Infiltration Cellular, Plasma Cell	2					3	2		2	3	1		2			3	2	2	3	21	2.6
Lymph Node, Mesenteric	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Degeneration, Cystic																				2	2.5
Hyperplasia, Lymphoid								2								2				4	1.8
Infiltration Cellular, Plasma Cell				2		2														2	2.0
Inflammation, Granulomatous		1			1	3		2	1			2	1		2			3		22	1.7
Pigmentation																				1	4.0
Spleen	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Autolysis																				3	2.3
Depletion Lymphoid																				1	4.0
Hematopoietic Cell Proliferation		2			1					2			2					1	1	13	1.3

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

CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 44	07 46	07 46	07 46	07 45	07 45	07 49	07 48	07 50	07 49	07 50	07 49	07 49	07 52	07 47	07 52	07 52		
ANIMAL ID	00 07 33	00 07 34	00 07 43	00 07 68	00 07 69	00 07 70	00 07 72	00 07 73	00 07 85	00 07 97	00 08 25	00 08 57	00 08 87	00 08 90	00 08 91	00 09 01	00 09 06	00 09 21	00 09 22	*TOTALS	
Hyperplasia, Lymphoid					1			4												2	2.5
Inflammation, Chronic Active																				1	4.0
Necrosis																				1	4.0
Pigmentation	2	1		2			2		2		2				2			1	1	27	2.0
Thymus	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40	
Atrophy	4	4		4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	38	3.9
Autolysis																				1	4.0
Integumentary System																					
Mammary Gland	+	+	A	+	+	+	+	I	+	I	+	+	+	I	+	+	+	+	+	34	
Alveolus, Hyperplasia																				1	2.0
Degeneration	2	4		4	2	1	1		3		2	4			1	1				18	2.4
Duct, Dilatation																				1	3.0
Infiltration Cellular, Mast Cell																				1	2.0
Lactation													2							3	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Fibrosis																				1	4.0
Foreign Body																				1	
Hemorrhage															2					1	2.0
Inflammation, Chronic																				1	2.0
Inflammation, Chronic Active								2											3	10	2.8
Inflammation, Granulomatous							4													1	4.0
Inflammation, Suppurative		4			4	4	4			4	4	4	4	4	4		4	4		24	4.0

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07/45	07/45	07/44	07/46	07/46	07/46	07/45	07/45	07/49	07/48	07/50	07/49	07/50	07/49	07/49	07/52	07/47	07/52	07/52		
ANIMAL ID	00733	00734	00743	00768	00769	00770	00772	00773	00785	00797	00825	00857	00887	00890	00891	00901	00906	00921	00922	*TOTALS	
Necrosis															2		2			3	2.3
Musculoskeletal System																					
Bone, Cranium																				1	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis			4																	1	4.0
Compression			2																	4	2.3
Cyst																				1	
Hemorrhage																				1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hydrocephalus																				1	2.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Compression																				1	2.0
Developmental Malformation																				1	
Ectopic Tissue																				1	
Gliosis																				1	2.0
Hemorrhage																				1	2.0
Hydrocephalus																				3	2.0
Mineralization																				1	2.0
Respiratory System																					

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2) Mild 4) Marked

CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 44	07 46	07 46	07 46	07 45	07 45	07 49	07 48	07 50	07 49	07 50	07 49	07 49	07 52	07 47	07 52	07 52		
ANIMAL ID	00 07 33 3	00 07 33 4	00 07 44 3	00 07 67 6 8	00 07 67 6 9	00 07 67 7 0	00 07 77 2	00 07 77 3	00 07 78 5	00 07 79 7	00 08 25	00 08 57	00 08 88 7	00 08 89 0	00 08 89 1	00 09 01	00 09 06	00 09 21	00 09 22	*TOTALS	
Lung	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Alveolar Epith, Hyperplasia								1												2	1.5
Artery, Mineralization																				3	1.3
Hemorrhage																				1	4.0
Infiltration Cellular, Histiocyte								2			2		1				1			14	1.6
Metaplasia, Osseous													1							4	1.0
Nose	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Foreign Body																				1	
Inflammation, Chronic Active																				3	2.0
Inflammation, Suppurative								1				1								8	1.8
Keratin Cyst																				1	
Trachea	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Special Senses System																					
Eye	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	33	
Antr Chamber, Hemorrhage																				1	4.0
Antr Chamber, Inflammation, Suppurative																				1	4.0
Bilateral, Retina, Atrophy										2		2	1							4	1.8
Cornea, Degeneration																				1	4.0
Cornea, Inflammation, Suppurative																				1	4.0
Cornea, Ulcer																				1	4.0
Harderian Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33	
Infiltration Cellular, Lymphocyte																1			1	3	1.0

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CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 44	07 46	07 46	07 46	07 45	07 45	07 49	07 48	07 50	07 49	07 50	07 49	07 49	07 52	07 47	07 52	07 52		
ANIMAL ID	00 07 33	00 07 34	00 07 43	00 07 68	00 07 69	00 07 70	00 07 72	00 07 73	00 07 85	00 07 97	00 08 25	00 08 57	00 08 87	00 08 90	00 08 91	00 09 01	00 09 06	00 09 21	00 09 22	*TOTALS	
Lacrimal Gland	+	+		+	+							+						+	+	12	
Degeneration																		4		1	4.0
Ectopic Harderian	X	X		X	X							X						X	X	12	
Infiltration Cellular, Lymphocyte																		2		1	2.0
Zymbal's Gland																				1	
Inflammation, Suppurative																				1	4.0
Urinary System																					
Kidney	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Accumulation, Hyaline Droplet																				1	4.0
Autolysis																				3	3.7
Capsule, Fatty Change					X			X	X											4	
Cortex, Cyst	X	X			X	X			X		X		X		X			X		22	
Fibrosis																				1	1.0
Infiltration Cellular, Lymphocyte									1											2	1.0
Inflammation, Chronic																				1	1.0
Inflammation, Chronic Active														4						1	4.0
Nephropathy, Chronic	1	2		1	3	2	2	2		1		2		2	2	2	1	2	2	38	2.0
Pelvis, Dilatation																				3	2.0
Pelvis, Hyperplasia					2			2												5	2.0
Pelvis, Inflammation, Suppurative																				2	3.5
Renal Tubule, Inflammation, Suppurative																				1	2.0
Renal Tubule, Mineralization																				1	2.0

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

CD Rat Male
F1 100PPM/CTL

DAY ON TEST	07745	07745	07744	07746	07746	07746	07745	07745	07749	07748	07750	07749	07750	07749	07749	07752	07747	07752	07752	
ANIMAL ID	00733	00734	00743	00768	00769	00770	00772	00773	00785	00797	00825	00857	00887	00890	00891	00901	00906	00921	00922	*TOTALS
Urethra																		+		1
Congestion																		2		1 2.0
Urinary Bladder	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Autolysis																				1 3.0
Dilatation																				1 4.0
Hemorrhage																				1 3.0

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	044 9	053 4	056 8	058 8	067 4	067 5	069 8	069 9	070 5	071 1	072 1	072 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 9	073 9	074 4	074 4	074 4	074 4	074 4	074 4
ANIMAL ID	00105	00138	00180	00202	00343	00348	00381	00384	00396	00400	00434	00441	00478	00479	00480	00516	00521	00522	00523	00524	00578	00580	00599	00600	00601	00633	00634	00635	00680	00682	00735
Alimentary System																																
Esophagus	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis		2	2									3																				
Intestine Large, Cecum	A	A	A	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																				2												
Intestine Large, Colon	A	+	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		4																														
Hyperplasia, Lymphoid															2		2															
Inflammation, Suppurative		4																														
Polyarteritis																											3					
Intestine Large, Rectum									A		+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	A	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	A	A	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid													2		2																	
Intestine Small, Jejunum	A	A	A	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+
Liver	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis															2							2										2
Basophilic Focus																					X											
Bile Duct, Hyperplasia						1					2						1	1	1					1			1					
Biliar Tract, Fibrosis							1				1			1	1		1		1													
Capsule, Fibrosis																						2										
Cyst																										X						

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	0449	0534	0568	0588	0674	0675	0698	0699	0705	0711	0721	0727	0737	0737	0737	0738	0738	0738	0738	0738	0738	0738	0739	0739	0739	0744	0744	0744	0744	0744	0744
ANIMAL ID	00105	00138	00180	00202	00343	00348	00381	00384	00396	00400	00434	00441	00478	00479	00480	00516	00521	00522	00523	00524	00578	00580	00599	00600	00601	00633	00634	00635	00680	00682	00735
Degeneration, Cystic																	2														
Eosinophilic Focus																										X					
Eosinophilic Focus, Multiple																														X	
Hematopoietic Cell Proliferation							1											1													
Hemorrhage																															
Hepatodiaphragmatic Nodule																															
Infiltration Cellular, Lymphocyte													1						1		1	1					1				
Inflammation, Chronic Active					1													1							1				1	1	
Mixed Cell Focus																	X														
Necrosis										1	1																				
Vacuolization Cytoplasmic											2					2															
Mesentery																		+													
Fat, Inflammation, Chronic																		1													
Pancreas	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			1			2				1	1				1		3	1	2	4	2			1	3	4	2	2		3	1
Autolysis		4	2																												
Pigmentation						2		1																							
Polyarteritis																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	A	A	+	+	+	+	+	+	A	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	044 9	053 4	056 8	058 8	067 4	067 5	069 8	069 9	070 5	071 1	072 1	072 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 9	073 9	074 4	074 4	074 4	074 4	074 4	074 4
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Blood Vessel	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bacterium									4																							
Cardiomyopathy			2								1			2	2		1	1		1							1	1			1	
Inflammation, Suppurative									4																							
Myocardium, Necrosis									4																							
Thrombosis									4																							
Endocrine System																																
Adrenal Cortex	A	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	
Accessory Adrenal Cortical Nodule														X																		
Angiectasis																																
Atrophy													4																			
Degeneration, Cystic							1					2																				
Hyperplasia																													1			
Hypertrophy										2										2												
Pigmentation					2																											
Vacuolization Cytoplasmic					1		2			2		2				2		1					2			1			2		1
Adrenal Medulla	A	+	+	A	+	+	+	+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	
Hemorrhage																																
Hyperplasia											1				2																	
Islets, Pancreatic	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Autolysis		4																														

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	044 9	053 4	056 8	058 8	067 4	067 5	069 8	069 9	070 5	071 1	072 1	072 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 9	073 9	074 4	074 4	074 4	074 4	074 4	074 4
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Hyperplasia			1			1	1				1		2	1			1	1	1	2	1	1				2		1		1	1
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+
Hyperplasia		3																													2
Pituitary Gland	A	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																		X					X								
Pars Distalis, Cyst, Multiple		X																													
Pars Distalis, Hyperplasia		2	1									3			2		2	3	2	2		2	3			1				4	
Thyroid Gland	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																						2					2				
Cyst, Squamous												X																			
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2			4	2											2													
Autolysis			2																												
Degeneration																															
Developmental Malformation										X															X						
Inflammation, Suppurative												4																			
Epididymis	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Degeneration											3					1								2							

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Granuloma Sperm		4																													
Hypospermia											4													4							
Infiltration Cellular, Lymphocyte																						1									
Polyarteritis														2																	
Preputial Gland	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															
Atrophy																															
Duct, Dilatation											3								4							3					3
Infiltration Cellular, Lymphocyte			2		2								2		1			2		1	1	1	2				1				
Inflammation, Chronic Active																															
Inflammation, Suppurative		3				4	1	4			4						4		4					4	4				4		3
Parenchym Cell, Degeneration		2	2		2	4	1	4					2				2	2	2				2						2		
Prostate	A																							+							+
Prostate, Dorsal Lobe	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			3						2																						
Cyst																															
Degeneration					1																										
Infiltration Cellular, Lymphocyte																															
Inflammation, Suppurative		4	1		2	2	1	2	4		2	4	2	2	1	1	2		1	2	2	2	2		1	2	3	2		2	
Prostate, Ventral Lobe	A	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			3						2																						
Degeneration							3			2			3	2		3		2										2	3		
Hyperplasia			2						2	2													2		2					2	

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CD Rat Male
F1 500PPM/CTL

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Infiltration Cellular, Lymphocyte														1														1				
Inflammation, Suppurative																				1					2					1	
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation											3																				
Seminal Vesicle	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2			4	3			2		3																	2		
Autolysis			4																												
Dilatation																															
Hyperplasia																2															
Inflammation, Suppurative																															
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstit Cell, Hyperplasia											2																				
Polyarteritis																															
Seminif Tub, Degeneration	2	2	1						1	2	4	1		1	1	2		1			1		1	4				1			
Hematopoietic System																															
Bone Marrow	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia							4																				2				
Hypocellularity												2																			
Myeloid Cell, Hyperplasia																											2				
Lymph Node				+	+				+	+								+			+										
Infiltration Cellular, Plasma Cell																		4													
Lumbar, Degeneration, Cystic					4					2																					

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CD Rat Male
F1 500PPM/CTL

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Lumbar, Infiltration Cellular, Plasma Cell					3				4	3																					
Mediastinal, Hemorrhage																					3										
Renal, Degeneration, Cystic																															
Renal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																2										2					
Hyperplasia, Lymphoid						2			2	3	2		3	2	2	3			2			1				2			2	3	
Infiltration Cellular, Plasma Cell					2			3		3	3			2	3	4		3	3		2	3	2	4						4	3
Lymph Node, Mesenteric	A	A	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																						4			1				2		
Hemorrhage																		2													
Hyperplasia, Lymphoid											3		2	3	1			2		2	1								1		
Infiltration Cellular, Mast Cell						2										3							2								
Infiltration Cellular, Plasma Cell																															
Inflammation, Granulomatous						1	2							2			2	2	1				1								
Pigmentation																		2													
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Lymphoid		4				4						3																			
Hematopoietic Cell Proliferation							2		3		3							3			2					1	1				
Hematopoietic Cell Proliferation Erythrocytic						3																									
Hyperplasia, Lymphoid							2																			1					
Hyperplasia, Stromal																															
Pigmentation		4	2			4		3			2	4	3				2		1	1	2			2	2	1			2		1

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	044 9	053 4	056 8	058 8	067 4	067 5	069 8	069 9	070 5	071 1	072 1	072 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 9	073 9	074 4	074 3	074 3	074 4	074 4	074 4
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Thymus	A	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		4	4		4	4	4	2	4	3	3		4	4	4	4		4	4	4	4	4	4	4	4	4	4	4	4	4	4
Integumentary System																															
Mammary Gland	I	A	I	+	+	+	+	+	A	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia											3				1		1	1			1	1		1							
Degeneration													3							1			4		3	2		2	3	3	
Duct, Dilatation											4																				
Galactocele											4																				
Hyperplasia, Mast Cell																															
Inflammation, Chronic											4																				
Lactation								2																							
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion	X																										X				
Dermis, Fibrosis																															
Epidermis, Hyperplasia														2																	
Hemorrhage					3																										
Hyperkeratosis														2																	
Inflammation, Chronic																															
Inflammation, Chronic Active			3		4													4		4											
Inflammation, Suppurative					4		4	4	4	4	4						4		4			4		4			4	4	4		4
Necrosis					3		2		2									3										4			
Musculoskeletal System																															

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

CD Rat Male
F1 500PPM/CTL

DAY ON TEST	044 9	053 4	056 8	058 8	067 4	067 5	069 8	069 9	070 5	071 1	072 1	072 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 9	073 9	074 4	074 3	074 3	074 4	074 4	074 4	074 4
ANIMAL ID	00105	00138	00180	00202	00343	00348	00381	00384	00396	00400	00434	00441	00478	00479	00480	00516	00521	00522	00523	00524	00578	00580	00599	00600	00601	00633	00634	00635	00680	00682	00735
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle												+	+																				
Cyst												X																					
Fibrosis													4																				
Nervous System																																	
Brain, Brain Stem	A	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression											2																						
Brain, Cerebellum	A	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	A	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																			1														
Meninges, Fibrosis													2																				
Respiratory System																																	
Lung	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																1																	
Artery, Mineralization								2		1		1				2													1				
Autolysis		3	3						2																								
Congestion																																	
Hemorrhage				3																	4												
Infiltration Cellular, Histiocyte		2	2			1	2		1									2	1	2			2	2	1		2		2			1
Metaplasia, Osseous									2																						2		
Nose	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																	X																

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	044 9	053 4	056 8	058 8	067 4	067 5	069 8	069 9	070 5	071 1	072 1	072 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 9	073 9	074 4	074 3	074 3	074 4	074 4	074 4
ANIMAL ID	00105	00138	00180	00202	00343	00348	00381	00384	00396	00400	00434	00441	00478	00479	00480	00516	00521	00522	00523	00524	00578	00580	00599	00600	00601	00633	00634	00635	00680	00682	00735
Inflammation, Suppurative																							1								
Trachea	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst, Squamous											X																				
Special Senses System																															
Ear							+																								
Eye									A		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Atrophy																															
Inflammation, Suppurative												3																			
Retina, Atrophy																															
Harderian Gland									+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																															
Infiltration Cellular, Lymphocyte																					1			1	1						
Lacrimal Gland						+														+								+		+	
Ectopic Harderian						X														X								X		X	
Urinary System																															
Kidney	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		3	4						3																						
Capsule, Fatty Change														X										X							
Cortex, Cyst		X			X		X	X	X	X					X		X		X			X	X	X	X	X	X	X		X	
Fibrosis													1																		
Infiltration Cellular, Lymphocyte						2																									
Nephropathy, Chronic		4	1		2		1	1		2	3		2	2	1	4	1	2	2	2	1	1	1	1		3	1	1	1	1	1

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	044 9	053 4	056 8	058 8	067 4	067 5	069 8	069 9	070 5	071 1	072 1	072 7	073 7	073 7	073 7	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 8	073 9	073 9	073 9	074 4	074 3	074 3	074 4	074 4	074 4
ANIMAL ID	00105	00138	00180	00202	00343	00348	00381	00384	00396	00400	00434	00441	00478	00479	00480	00516	00521	00522	00523	00524	00578	00580	00599	00600	00601	00633	00634	00635	00680	00682	00735
Pelvis, Dilatation		3																														
Pelvis, Hyperplasia									2																							
Renal Tubule, Inflammation, Suppurative																																
Renal Tubule, Mineralization																																
Urethra		+										+																				
Urinary Bladder	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation			4																					4								

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	074 4	074 4	074 5	074 9	074 9	074 8	074 8	074 8	074 9	074 9	074 9	074 9	075 0	075 0	075 0	075 0	074 9	075 3	075 2		
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperkeratosis																				3	2.3
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Hyperplasia, Lymphoid				2																2	2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	4.0
Hyperplasia, Lymphoid																				2	2.0
Inflammation, Suppurative																				1	4.0
Polyarteritis																				1	3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Hyperplasia, Lymphoid																				2	2.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Angiectasis			1					2									2	2		7	1.9
Basophilic Focus																				1	
Bile Duct, Hyperplasia		1			2			1	1		1		2							13	1.2
Biliar Tract, Fibrosis	1												1	1						9	1.0
Capsule, Fibrosis																				1	2.0
Cyst																				1	

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	07 44	07 44	07 45	07 49	07 49	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 50	07 49	07 53	07 52		
ANIMAL ID	0007 38	0007 39	0007 71	0007 86	0007 87	0008 00	0008 01	0008 02	0008 24	0008 53	0008 58	0008 59	0008 64	0008 65	0008 88	0008 89	0009 04	0009 24	0009 25	*TOTALS	
Degeneration, Cystic																1				2	1.5
Eosinophilic Focus																				1	
Eosinophilic Focus, Multiple								X												2	
Hematopoietic Cell Proliferation																				2	1.0
Hemorrhage																		2		1	2.0
Hepatodiaphragmatic Nodule								X	X											2	
Infiltration Cellular, Lymphocyte											1						1			7	1.0
Inflammation, Chronic Active										1			1		1	1	1			10	1.0
Mixed Cell Focus																				1	
Necrosis													1				1			4	1.0
Vacuolization Cytoplasmic	1									1										4	1.5
Mesentery																				1	
Fat, Inflammation, Chronic																				1	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinar Cell, Degeneration	1	2		2	2	1		2	2	2	2		2	2		1			1	30	1.9
Autolysis																				2	3.0
Pigmentation																				2	1.5
Polyarteritis																4				1	4.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cardiovascular System																					

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	074 4	074 4	074 5	074 9	074 9	074 8	074 8	074 8	074 9	074 9	074 9	074 9	075 0	075 0	075 0	075 0	074 9	075 3	075 2		
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*TOTALS	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bacterium																				1	4.0
Cardiomyopathy	1			1				1	1	2		1								16	1.3
Inflammation, Suppurative																				1	4.0
Myocardium, Necrosis																				1	4.0
Thrombosis																				1	4.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Accessory Adrenal Cortical Nodule																				1	
Angiectasis			2																	1	2.0
Atrophy																				1	4.0
Degeneration, Cystic			2										4		2	1	3			7	2.1
Hyperplasia																				1	1.0
Hypertrophy													4							3	2.7
Pigmentation																				1	2.0
Vacuolization Cytoplasmic				2	1		1		1				1		2			2		17	1.5
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Hemorrhage	4																			1	4.0
Hyperplasia																				2	1.5
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	4.0

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	074 4	074 4	074 5	074 9	074 9	074 8	074 8	074 8	074 9	074 9	074 9	074 9	075 0	075 0	075 0	075 0	074 9	075 3	075 2			
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*TOTALS		
Hyperplasia	1											1	1		1	1	3		1	23	1.2	
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Hyperplasia							2					2		2					2	6	2.2	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Pars Distalis, Cyst	X															X				4		
Pars Distalis, Cyst, Multiple																				1		
Pars Distalis, Hyperplasia	1	3	3			3		2	3		2			3						20	2.4	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
C Cell, Hyperplasia				2			1		1											5	1.6	
Cyst, Squamous		X																		2		
General Body System																						
NONE																						
Genital System																						
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy											2									5	2.4	
Autolysis																				1	2.0	
Degeneration								3												1	3.0	
Developmental Malformation																				2		
Inflammation, Suppurative								4												2	4.0	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy	3																			1	3.0	
Degeneration	2																	2		5	2.0	

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	07 44	07 44	07 45	07 49	07 49	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 50	07 49	07 53	07 52		
ANIMAL ID	00 07 38	00 07 39	00 07 71	00 07 86	00 07 87	00 08 00	00 08 01	00 08 02	00 08 24	00 08 53	00 08 58	00 08 59	00 08 64	00 08 65	00 08 88	00 08 89	00 09 04	00 09 24	00 09 25	*TOTALS	
Granuloma Sperm																				1	4.0
Hypospermia	4																	4		4	4.0
Infiltration Cellular, Lymphocyte																				1	1.0
Polyarteritis																				1	2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Abscess	4																			1	4.0
Atrophy							2													1	2.0
Duct, Dilatation	4																4			6	3.5
Infiltration Cellular, Lymphocyte			1	1			1			2				1						15	1.4
Inflammation, Chronic Active											1				3					2	2.0
Inflammation, Suppurative		4						3	1								4		1	16	3.3
Parenchym Cell, Degeneration			1	1					1						2					16	2.0
Prostate				+																3	
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				2	2.5
Cyst						X				X										2	
Degeneration																				1	1.0
Infiltration Cellular, Lymphocyte																		1		1	1.0
Inflammation, Suppurative	2	2	3		1	4	2	1		3	1	2	2	2	3	3	2		2	40	2.1
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				2	2.5
Degeneration														3						9	2.6
Hyperplasia		1							1			1	1						2	11	1.6

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CD Rat Male
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DAY ON TEST	074 4	074 4	074 5	074 9	074 9	074 8	074 8	074 8	074 9	074 9	074 9	074 9	074 9	075 0	075 0	075 0	075 0	074 9	075 3	075 2		
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*TOTALS		
Infiltration Cellular, Lymphocyte					1													1			4	1.0
Inflammation, Suppurative	1		2											1					1		7	1.3
Rete Testes	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	49		
Dilatation	3																		3		3	3.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy											3		2	2							9	2.6
Autolysis																					1	4.0
Dilatation																2					1	2.0
Hyperplasia																					1	2.0
Inflammation, Suppurative									1												1	1.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Interstit Cell, Hyperplasia																					1	2.0
Polyarteritis																	2				1	2.0
Seminif Tub, Degeneration	4	1	2	3	1				1	1			1	1				4	4		26	1.8
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Erythroid Cell, Hyperplasia		3																			3	3.0
Hypocellularity														3							2	2.5
Myeloid Cell, Hyperplasia	2		2																		3	2.0
Lymph Node						+							+	+						9		
Infiltration Cellular, Plasma Cell																					1	4.0
Lumbar, Degeneration, Cystic						3															3	3.0

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	07 44	07 44	07 45	07 49	07 49	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 50	07 49	07 53	07 52	
ANIMAL ID	00 07 38	00 07 39	00 07 71	00 07 86	00 07 87	00 08 00	00 08 01	00 08 02	00 08 24	00 08 53	00 08 58	00 08 59	00 08 64	00 08 65	00 08 88	00 08 89	00 09 04	00 09 24	00 09 25	*TOTALS
Lumbar, Infiltration Cellular, Plasma Cell						4							4							5 3.6
Mediastinal, Hemorrhage																				1 3.0
Renal, Degeneration, Cystic														4						1 4.0
Renal, Infiltration Cellular, Plasma Cell														3						1 3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Degeneration, Cystic	2	2			4				2											6 2.3
Hyperplasia, Lymphoid	2					1	2	2		1					2				3	20 2.1
Infiltration Cellular, Plasma Cell	2	3			4		2		2		2	3	3	2	3	2	2		2	28 2.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Degeneration, Cystic						4														4 2.8
Hemorrhage																				1 2.0
Hyperplasia, Lymphoid		2	2	2					2	2					2					14 1.9
Infiltration Cellular, Mast Cell							2					2								5 2.2
Infiltration Cellular, Plasma Cell		2								2						3				3 2.3
Inflammation, Granulomatous	2		1					1			1		2	1	2			2	1	16 1.5
Pigmentation																				1 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Depletion Lymphoid																				3 3.7
Hematopoietic Cell Proliferation						2		2						2			3			11 2.2
Hematopoietic Cell Proliferation Erythrocytic																				1 3.0
Hyperplasia, Lymphoid																				2 1.5
Hyperplasia, Stromal		4																		1 4.0
Pigmentation	2		4	2	1				2	1			4	1	2	4	3		2	28 2.3

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

CD Rat Male
F1 500PPM/CTL

DAY ON TEST	074	074	074	074	074	074	074	074	074	074	074	074	075	075	075	075	074	075	075		
	4	4	5	9	9	8	8	8	9	9	9	9	0	0	0	0	9	3	2		
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*TOTALS	
Thymus	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	45	
Atrophy	4	4		4	4	4	4		4	4	4	4	3	4	4	4	4	4	4	44	3.9
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Alveolus, Hyperplasia					2						2									9	1.4
Degeneration			3	2		2	3		4		2		4	4	2		4	3	2	20	2.8
Duct, Dilatation																				1	4.0
Galactocele																				1	4.0
Hyperplasia, Mast Cell																			2	1	2.0
Inflammation, Chronic																				1	4.0
Lactation										2						2				3	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion																				2	
Dermis, Fibrosis																		4		1	4.0
Epidermis, Hyperplasia	2																			2	2.0
Hemorrhage																				1	3.0
Hyperkeratosis	2													4						3	2.7
Inflammation, Chronic			2																	1	2.0
Inflammation, Chronic Active						3						2								6	3.3
Inflammation, Suppurative				4	2		4	3		4			4	4					4	22	3.9
Necrosis										2										6	2.7
Musculoskeletal System																					

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1) Minimal 3) Moderate
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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	074 4	074 4	074 5	074 9	074 9	074 8	074 8	074 8	074 9	074 9	074 9	074 9	075 0	075 0	075 0	075 0	074 9	075 3	075 2		
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*TOTALS	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				2	
Cyst																				1	
Fibrosis																				1	4.0
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Compression																2				2	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hydrocephalus																				1	1.0
Meninges, Fibrosis																				1	2.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Alveolar Epith, Hyperplasia																		2		2	1.5
Artery, Mineralization																				5	1.4
Autolysis																				3	2.7
Congestion	4																			1	4.0
Hemorrhage																				2	3.5
Infiltration Cellular, Histiocyte			2						1		2		1	2		1		2		21	1.6
Metaplasia, Osseous												1								3	1.7
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cyst																				1	

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	07 44	07 44	07 45	07 49	07 49	07 48	07 48	07 48	07 49	07 49	07 49	07 49	07 50	07 50	07 50	07 50	07 49	07 53	07 52		
ANIMAL ID	00 07 38	00 07 39	00 07 71	00 07 86	00 07 87	00 08 00	00 08 01	00 08 02	00 08 24	00 08 53	00 08 58	00 08 59	00 08 64	00 08 65	00 08 88	00 08 89	00 09 04	00 09 24	00 09 25	*TOTALS	
Inflammation, Suppurative																				1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cyst, Squamous																				1	
Special Senses System																					
Ear																				1	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40	
Bilateral, Retina, Atrophy			1																	1	1.0
Inflammation, Suppurative																				1	3.0
Retina, Atrophy							2													1	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41	
Degeneration																		1		1	1.0
Infiltration Cellular, Lymphocyte					1					1					1					6	1.0
Lacrimal Gland				+																5	
Ectopic Harderian				X																5	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				3	3.3
Capsule, Fatty Change																			X	3	
Cortex, Cyst					X		X		X	X	X	X	X		X					24	
Fibrosis																				1	1.0
Infiltration Cellular, Lymphocyte						1													1	3	1.3
Nephropathy, Chronic		1	1	1	3		2	1	1	1	1		2	2	1	1	4	2		40	1.7

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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	074 4	074 4	074 5	074 9	074 9	074 8	074 8	074 8	074 9	074 9	074 9	074 9	074 9	075 0	075 0	075 0	075 0	074 9	075 3	075 2		
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925		*TOTALS	
Pelvis, Dilatation																					1	3.0
Pelvis, Hyperplasia				1		1	2														4	1.5
Renal Tubule, Inflammation, Suppurative													2								1	2.0
Renal Tubule, Mineralization	1																	2			2	1.5
Urethra																					2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		47	
Dilatation																					2	4.0

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CD Rat Male
F3 0 PPM

DAY ON TEST	026 0	040 2	046 8	049 4	049 7	049 7	050 6	055 0	058 1	060 6	060 9	063 5	066 2	066 5	068 3	069 5	072 9	074 2	074 4	075 1	075 1	075 1	075 1	075 0	075 2	075 2	075 5	075 5	075 4	075 4	075 5
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Alimentary System																															
Esophagus	A	A	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis					2					4																					
Intestine Large, Cecum	A	A	A	A	A	A	+	A	+	+	M	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																				2											
Intestine Large, Colon	A	A	A	A	A	A	+	A	+	+	M	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																															
Intestine Large, Rectum	A										+		+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	A	A	A	A	A	+	A	+	+	M	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	A	A	A	A	A	+	A	+	A	M	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																												2			
Intestine Small, Jejunum	A	A	A	A	A	A	A	A	+	+	M	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	A	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis														2											1						
Autolysis	4		2		4											2															
Bile Duct, Hyperplasia										1				1					1	1						1	2				
Biliar Tract, Fibrosis																1		1		1						1	2	1			
Capsule, Hemorrhage																					3										
Degeneration, Cystic				3																1							1				
Developmental Malformation																															
Eosinophilic Focus																															
Eosinophilic Focus, Multiple																				X											

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CD Rat Male
F3 0 PPM

DAY ON TEST	026 0	040 2	046 8	049 4	049 7	049 7	050 6	055 0	058 1	060 6	060 9	063 5	066 2	066 5	068 3	069 5	072 9	074 2	074 4	075 1	075 1	075 1	075 0	075 2	075 2	075 5	075 5	075 4	075 4	075 5
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Hematopoietic Cell Proliferation																				1											
Hemorrhage																															
Hepatodiaphragmatic Nodule				X																											
Infiltration Cellular, Lymphocyte																				1											1
Inflammation, Chronic Active							1																2				1				
Inflammation, Suppurative																								1							
Necrosis																							2								
Vacuolization Cytoplasmic			2									2				2						1									
Pancreas	A	M	I	A	+	+	+	A	+	+	M	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration						1			1			1	1	3			3			1	2	3	2	3			2	3	3	2	1
Autolysis					4	2													4												
Infiltration Cellular, Lymphocyte																				1											
Pigmentation																				1											
Salivary Glands	A	+	+	A	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration																															
Autolysis					4																										
Infiltration Cellular, Lymphocyte																															
Mineralization																															
Stomach, Forestomach	A	A	A	A	A	A	+	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																				3											
Inflammation, Suppurative												3																			
Mucosa, Ulcer												2																			
Submucosa, Edema												4																			

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CD Rat Male
F3 0 PPM

DAY ON TEST	0260	0402	0468	0494	0497	0497	0506	0550	0581	0606	0609	0635	0662	0665	0683	0695	0729	0742	0744	0751	0751	0751	0751	0750	0752	0752	0755	0755	0754	0754	0755
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Stomach, Glandular	A	A	A	A	A	A	+	A	+	+	M	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium, Dilatation																															
Autolysis			2																												
Cardiomyopathy			2		2			1		2		1	1				1				1				1	1	2	1	1	1	1
Mineralization																															2
Pericardium, Inflammation, Chronic Active																		1													
Endocrine System																															
Adrenal Cortex	A	+	+	A	+	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule					X																										
Angiectasis										2																					
Autolysis																3															
Bilateral, Hyperplasia																														1	
Capsule, Fibrosis																2															
Cyst																															
Degeneration, Cystic													2			3															
Hyperplasia																										2					
Hypertrophy																															
Vacuolization Cytoplasmic									1	1				1			2	2		1	1	1		2	1	1	1	1		2	1
Adrenal Medulla	A	+	+	A	+	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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M ..Missing tissue
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1-4 ..Lesion qualified as:
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CD Rat Male
F3 0 PPM

DAY ON TEST	0260	0402	0468	0494	0497	0497	0506	0550	0581	0606	0609	0635	0662	0665	0683	0695	0729	0742	0744	0751	0751	0751	0751	0750	0752	0752	0755	0755	0754	0754	0755
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Bilateral, Hyperplasia																												2			
Hyperplasia													1								1									1	3
Hypertrophy																															
Islets, Pancreatic	A	M	I	+	+	+	+	A	+	+	M	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				1		1							2				1		1		1	2	2		1	1				1	1
Parathyroid Gland	I	+	+	+	+	+	+	+	+	+	M	I	+	+	+	+	+	M	+	+	M	+	M	+	+	+	M	+	M	+	+
Bilateral, Hyperplasia																												2			
Hyperplasia																														1	
Pituitary Gland	A	+	+	A	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					4																										
Pars Distalis, Cyst																						X				X					
Pars Distalis, Cyst, Multiple																									X						
Pars Distalis, Hyperplasia			2											1						2						2		2		2	
Pars Intermed, Cyst																															
Pars Intermed, Dysplasia																															
Thyroid Gland	+	+	A	A	+	A	+	A	+	+	M	+	+	+	A	A	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	4				4																										
C Cell, Hyperplasia																															
Cyst, Squamous	X													X																	
Infiltration Cellular, Lymphocyte																															
General Body System																															
NONE																															

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CD Rat Male
F3 0 PPM

DAY ON TEST	0260	0402	0468	0494	0497	0497	0506	0550	0581	0606	0609	0635	0662	0665	0683	0695	0729	0742	0744	0751	0751	0751	0751	0750	0752	0752	0755	0755	0754	0754	0755
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Genital System																															
Coagulating Gland	A	A	A	A	+	+	+	A	+	+	M	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy										3								2											2		
Autolysis					4											4															
Developmental Malformation																				X											
Inflammation, Suppurative																3															
Epididymis	+	A	+	+	+	+	+	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					3																										
Degeneration																		3													
Hypospermia																		4													
Infiltration Cellular, Lymphocyte																				2											
Inflammation																			2												
Preputial Gland	+	+	+	A	+	+	+	+	+	+	M	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																															
Atrophy																												2			
Autolysis	3		2		3			2																							
Duct, Dilatation																															
Infiltration Cellular, Lymphocyte			2			1	1	2				1		1				2		2		1			1		2		2	1	2
Inflammation, Suppurative	4	4								4														1		4					
Parenchym Cell, Degeneration						1				2		1		1				1		2					1	2	2				2
Prostate				+		+					M		+					+													
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F3 0 PPM

DAY ON TEST	026 0	040 2	046 8	049 4	049 7	049 7	050 6	055 0	058 1	060 6	060 9	063 5	066 2	066 5	068 3	069 5	072 9	074 2	074 4	075 1	075 1	075 1	075 0	075 2	075 2	075 5	075 5	075 4	075 4	075 5
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Autolysis	4		2					3							4				3												
Cyst																														X
Degeneration																						2								
Hyperplasia										4						4														
Infiltration Cellular, Lymphocyte																														
Inflammation, Suppurative	4		2				3	2	1	4		1		2	4	4	1		2	1	1	2	3	1	3	2	1		1		1
Prostate, Ventral Lobe	+	+	A	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	4							4							4																
Degeneration										2							2											3	1		2
Hyperplasia																							3		2				2		
Infiltration Cellular, Lymphocyte							1																			1	1		1		
Infiltration Cellular, Plasma Cell																						3									
Inflammation, Suppurative	4									1					4									2							
Rete Testes	+	+	+	+	M	M	+	+	+	+	M	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation												1																			
Seminal Vesicle	A	A	A	A	+	A	+	A	+	+	M	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy										4								2											2		
Autolysis					4											4															
Degeneration																															
Dilatation																															
Inflammation, Suppurative																4															
Testes	+	+	+	+	+	+	+	+	+	+	M		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	4							4							4																

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

CD Rat Male
F3 0 PPM

DAY ON TEST	026 0	040 2	046 8	049 4	049 7	049 7	050 6	055 0	058 1	060 6	060 9	063 5	066 2	066 5	068 3	069 5	072 9	074 2	074 4	075 1	075 1	075 1	075 1	075 0	075 2	075 2	075 5	075 5	075 4	075 4	075 5
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Inflammation, Granulomatous																															
Interstit Cell, Hyperplasia																															3
Polyarteritis																									2						
Seminif Tub, Degeneration				2	2									2				1					1	1				1			1
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	A	+	A	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	4				4																										
Erythroid Cell, Hyperplasia																															
Myeloid Cell, Hyperplasia		4															2								4	3					2
Lymph Node	+	+			+									+		A	+											+			
Axillary, Hyperplasia, Lymphoid																															
Axillary, Infiltration Cellular, Plasma Cell																															
Inguinal, Autolysis	4																														
Lumbar, Congestion																	3														
Lumbar, Degeneration, Cystic																															
Lumbar, Hyperplasia, Lymphoid																	3														
Lumbar, Infiltration Cellular, Plasma Cell																	4														
Mediastinal, Congestion																	3														
Mediastinal, Infiltration Cellular, Plasma Cell																	2														
Popliteal, Hyperplasia, Lymphoid																	3														
Renal, Congestion																	3														
Renal, Degeneration, Cystic														4														2			

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CD Rat Male
F3 0 PPM

DAY ON TEST	026 0	040 2	046 8	049 4	049 7	049 7	050 6	055 0	058 1	060 6	060 9	063 5	066 2	066 5	068 3	069 5	072 9	074 2	074 4	075 1	075 1	075 1	075 1	075 0	075 2	075 2	075 5	075 5	075 4	075 4	075 5
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Renal, Infiltration Cellular, Plasma Cell																	4											3			
Renal, Pigmentation														2																	
Lymph Node, Mandibular	+	+	+	+	+	A	+	+	+	+	M	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	4																														
Degeneration, Cystic							2																						1		
Hyperplasia, Lymphoid				3			2		2			3		2			3			3		2	2		2		2		2	2	2
Infiltration Cellular, Plasma Cell				2			2					2	3	3			4		1	3		3		3	4	4	2	2	4		
Lymph Node, Mesenteric	A	+	A	+	+	A	+	+	+	+	M	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Congestion																	3														
Degeneration, Cystic																															
Hyperplasia, Lymphoid							2		1											2				2							2
Infiltration Cellular, Mast Cell																											2			2	
Infiltration Cellular, Plasma Cell																	3								3				2	2	
Inflammation, Granulomatous				2					1	2												2	2	1	2				2		
Spleen	+	+	+	+	+	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	4		2			3									3	3															
Capsule, Fibrosis																							2								
Depletion Lymphoid						4																									
Hematopoietic Cell Proliferation			2	2						2			2				4								1						
Hematopoietic Cell Proliferation Granulocytic		4																													
Hyperplasia, Lymphoid													3																		
Pigmentation			2	2		4	2		3	4		4	3	3	4	2		4	4	2	2	2	3	3	2				3		
Thymus	A	+	+	+	+	A	+	+	+	+	M	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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2) Mild 4) Marked

CD Rat Male
F3 0 PPM

DAY ON TEST	026 0	040 2	046 8	049 4	049 7	049 7	050 6	055 0	058 1	060 6	060 9	063 5	066 2	066 5	068 3	069 5	072 9	074 2	074 4	075 1	075 1	075 1	075 0	075 2	075 2	075 5	075 5	075 4	075 4	075 5
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00974	00990	00991	01044	01045	01046	01047	01072
Atrophy				4			4	4	4	4		4	4	4			4		4	4	4	4	4	4	4	4	4	3	4	3
Epithel Cell, Hyperplasia																														
Hemorrhage			4																											
Hyperplasia, Lymphoid																														
Integumentary System																														
Mammary Gland	A	I	I	A	I	A	+	A	+	I	M	I	+	+	A	M	I	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia																						2			2					
Degeneration																		2				4		4	2		2	2		4	
Infiltration Cellular, Lymphocyte																				1										
Lactation							2		2																					
Skin	+	A	+	+	+	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																														
Epidermis, Hyperplasia															2									2		2				
Hyperkeratosis															2									2		4				
Inflammation, Chronic Active														1			2													
Inflammation, Suppurative																				4		4	4		2	4	4			4
Necrosis																														
Musculoskeletal System																														
Bone, Cranium				+																										
Hemorrhage				4																										
Hyperostosis																														
Bone, Femur	+	A	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F3 0 PPM

DAY ON TEST	0260	0402	0468	0494	0497	0497	0506	0550	0581	0606	0609	0635	0662	0665	0683	0695	0729	0742	0744	0751	0751	0751	0751	0750	0752	0752	0755	0755	0754	0754	0755
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01044	01045	01046	01047	01072
Skeletal Muscle																		+													
Nervous System																															
Brain, Brain Stem	A	+	+	A	A	+	+	A	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression							2		3	3		2							2						2						
Hemorrhage							2																								
Brain, Cerebellum	A	+	+	+	A	+	+	A	+	+	M	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus										2																					
Brain, Cerebrum	A	+	+	A	A	+	+	A	+	+	M	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Developmental Malformation																															
Hemorrhage							2																								
Hydrocephalus									1	2																					
Respiratory System																															
Lung	A	+	+	A	+	+	+	+	+	+	M	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																												1			
Artery, Mineralization														1							1									2	
Autolysis			2		3	3									4																
Infiltration Cellular, Histiocyte			1					2					2		1				3						1	2		1	1		
Inflammation, Chronic																															
Mediastinum, Bacterium						4																									
Mediastinum, Foreign Body						X																									
Mediastinum, Hemorrhage						4																									
Mediastinum, Inflammation, Suppurative						4																									

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CD Rat Male
F3 0 PPM

DAY ON TEST	02600	04022	04688	04944	04977	04977	05056	05500	05581	06006	06009	06635	06622	06655	06683	06955	07229	07422	07444	07511	07511	07511	07510	07522	07522	07555	07555	07544	07544	07555
ANIMAL ID	00055	00104	00126	00144	00146	00147	00151	00206	00239	00295	00296	00351	00398	00413	00443	00622	00938	00947	00948	00970	00971	00972	00973	00974	00990	00991	01004	01045	01046	01047	01072
Mediastinum, Necrosis						4																									
Metaplasia, Osseous															1																
Thrombosis																					2										
Nose	A	+	+	A	+	+	+	A	+	+	M	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						3																									
Goblet Cell, Hyperplasia																													2		
Hyperkeratosis																			4												
Inflammation, Chronic																														1	
Inflammation, Chronic Active													2	1																	
Inflammation, Suppurative						4				2								4	4									2			
Trachea	A	+	+	A	+	A	+	A	+	+	M	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	A										M		+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Atrophy													2						3	2		3	3	2	3	2				2	
Harderian Gland	A										M		+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																													2		
Urinary System																															
Kidney	A	+	+	A	+	A	+	A	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet												1						4													
Autolysis			2		4											2															
Capsule, Fibrosis																							1								
Cortex, Cyst									X				X	X						X	X	X		X	X	X	X	X		X	X

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CD Rat Male
F3 0 PPM

DAY ON TEST	0260	0402	0468	0494	0497	0497	0506	0550	0581	0606	0609	0635	0662	0665	0683	0695	0729	0742	0744	0751	0751	0751	0751	0750	0752	0752	0755	0755	0754	0754	0755
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Infiltration Cellular, Lymphocyte												1																			
Nephropathy, Chronic			1				1		2	3			2	3			2	4	1	2	2			2	4	2	1	1	2	1	2
Pelvis, Dilatation													2			2															
Pelvis, Hyperplasia										2						2	2														
Pelvis, Inflammation, Suppurative																4															
Polycystic Kidney																															
Urinary Bladder	A	+	I	A	+	A	+	A	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																4															
Hemorrhage																	2														
Inflammation, Suppurative																1															
Transit Epithe, Hyperplasia																2															

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CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55	
ANIMAL ID	01098	01099	01130	01131	01132	01133	01134	01135	01136	01154	01175	01176	01177	01178	01179	01180	01181	01182	01199	01200	01209	*TOTALS
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperkeratosis																						2 3.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Hyperplasia, Lymphoid																						1 2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Hyperplasia, Lymphoid											3											1 3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Hyperplasia, Lymphoid																						1 2.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Angiectasis			2					2	1		1											6 1.5
Autolysis																						4 3.0
Bile Duct, Hyperplasia	1	2			1	1							1					1	1	1		14 1.1
Biliar Tract, Fibrosis													1					1				8 1.1
Capsule, Hemorrhage																						1 3.0
Degeneration, Cystic		2																				4 1.8
Developmental Malformation																X						1
Eosinophilic Focus		X				X										X						3
Eosinophilic Focus, Multiple																						1

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CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55	*TOTALS	
ANIMAL ID	01 098	01 099	01 130	01 131	01 132	01 133	01 134	01 135	01 136	01 154	01 175	01 176	01 177	01 178	01 179	01 180	01 181	01 182	01 199	01 200	01 209		
Hematopoietic Cell Proliferation															1							2	1.0
Hemorrhage																		2				1	2.0
Hepatodiaphragmatic Nodule																						1	
Infiltration Cellular, Lymphocyte							1	1		1						1					2	7	1.1
Inflammation, Chronic Active					1			2	1				1		1							8	1.3
Inflammation, Suppurative																						1	1.0
Necrosis			1					2							1							4	1.5
Vacuolization Cytoplasmic						1																5	1.6
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Acinar Cell, Degeneration	3	2	3	2	2	3	4	2	1	2	2	1	2	1	4	2	2	4	3	1	2	37	2.2
Autolysis																						3	3.3
Infiltration Cellular, Lymphocyte																						1	1.0
Pigmentation																						1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Acinar Cell, Degeneration		4										1										2	2.5
Autolysis																						1	4.0
Infiltration Cellular, Lymphocyte		3																				1	3.0
Mineralization		3										3										2	3.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Infiltration Cellular, Lymphocyte																						1	3.0
Inflammation, Suppurative																						1	3.0
Mucosa, Ulcer																						1	2.0
Submucosa, Edema																						1	4.0

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CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55	*TOTALS		
ANIMAL ID	0109 8	0109 9	0111 30	0111 31	0111 32	0111 33	0111 34	0111 35	0111 36	0111 54	0111 75	0111 76	0111 77	0111 78	0111 79	0111 80	0111 81	0111 82	0111 99	0120 00	0120 09			
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41		
Cardiovascular System																								
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51		
Atrium, Dilatation																	4						1	4.0
Autolysis																							1	2.0
Cardiomyopathy	1	1	1				2	1		1	2	2	1		2		1			2			27	1.3
Mineralization												2											2	2.0
Pericardium, Inflammation, Chronic Active																							1	1.0
Endocrine System																								
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Accessory Adrenal Cortical Nodule													X										2	
Angiectasis																							1	2.0
Autolysis																							1	3.0
Bilateral, Hyperplasia																							1	1.0
Capsule, Fibrosis																							1	2.0
Cyst																		X					1	
Degeneration, Cystic							2																3	2.3
Hyperplasia	1	2							2														4	1.8
Hypertrophy											1					2		1	2				4	1.5
Vacuolization Cytoplasmic	2	2	1		1		2		2		1			1	1	1	2	2	1				28	1.4
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		

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CD Rat Male
F3 0 PPM

DAY ON TEST	07555	07555	07555	07555	07555	07555	07555	07555	07555	07556	07556	07556	07544	07544	07533	07533	07533	07522	07555	07544	07555		
ANIMAL ID	01098	01099	01130	01131	01132	01133	01134	01135	01136	01154	01175	01176	01177	01178	01179	01180	01181	01182	01199	01200	01209	*TOTALS	
Bilateral, Hyperplasia															2				3			2	2.5
Hyperplasia	2					3						2				1	2				2	9	1.9
Hypertrophy	2																					1	2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	45	
Hyperplasia			1		2	1		1		1	1			1		1	1		2	1		23	1.2
Parathyroid Gland	+	+	+	M	+	I	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	41	
Bilateral, Hyperplasia																						1	2.0
Hyperplasia		2							2													3	1.7
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																						1	4.0
Pars Distalis, Cyst									X													3	
Pars Distalis, Cyst, Multiple																			X			2	
Pars Distalis, Hyperplasia		2	2		3	2	1			1	1	1	2	3					1	2	1	19	1.7
Pars Intermed, Cyst										X												1	
Pars Intermed, Dysplasia				2																		1	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Autolysis																						2	4.0
C Cell, Hyperplasia	1	1				1		1	3			1	1	1						1		9	1.2
Cyst, Squamous					X	X		X							X							6	
Infiltration Cellular, Lymphocyte															2							1	2.0

General Body System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
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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
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55		
ANIMAL ID	01 09 8	01 09 9	01 13 0	01 13 1	01 13 2	01 13 3	01 13 4	01 13 5	01 13 6	01 15 4	01 17 5	01 17 6	01 17 7	01 17 8	01 17 9	01 18 0	01 18 1	01 18 2	01 19 9	01 20 0	01 20 9	*TOTALS	
Genital System																							
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Atrophy																						3	2.3
Autolysis																						2	4.0
Developmental Malformation																						1	
Inflammation, Suppurative																						1	3.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																						1	3.0
Degeneration							2					2									2	4	2.3
Hypospermia							4					4									4	4	4.0
Infiltration Cellular, Lymphocyte							1							1	1	1						5	1.2
Inflammation																						1	2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Abscess						4																1	4.0
Atrophy																						1	2.0
Autolysis																						4	2.5
Duct, Dilatation			3							4		3									2	4	3.0
Infiltration Cellular, Lymphocyte				2			1	1					2	1								19	1.5
Inflammation, Suppurative	3	2	4		3				3	4	1	4			2	1		4		1		17	2.9
Parenchym Cell, Degeneration	1					3				4	1		2					2				16	1.8
Prostate						+			+													6	
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51	

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CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55		
ANIMAL ID	0109 8	0109 9	0113 0	0113 1	0113 2	0113 3	0113 4	0113 5	0113 6	0115 4	0117 5	0117 6	0117 7	0117 8	0117 9	0118 0	0118 1	0118 2	0119 9	0120 0	0120 9	*TOTALS	
Autolysis																						5	3.2
Cyst								X												X		3	
Degeneration																						1	2.0
Hyperplasia																						2	4.0
Infiltration Cellular, Lymphocyte				1						2	1											3	1.3
Inflammation, Suppurative			1		1		2	3				2	2	2		2	1	2	2	1	2	35	2.0
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																						3	4.0
Degeneration	2	2									1			2	2							10	1.9
Hyperplasia					3		1			2			1									7	2.0
Infiltration Cellular, Lymphocyte					2					1								1			1	8	1.1
Infiltration Cellular, Plasma Cell																						1	3.0
Inflammation, Suppurative																	1					5	2.4
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Dilatation				1																		2	1.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Atrophy														3								4	2.8
Autolysis																						2	4.0
Degeneration			2													2						2	2.0
Dilatation			3																			1	3.0
Inflammation, Suppurative			2																			2	3.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																						3	4.0

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

CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55	*TOTALS	
ANIMAL ID	0109 8	0109 9	0113 0	0113 1	0113 2	0113 3	0113 4	0113 5	0113 6	0115 4	0117 5	0117 6	0117 7	0117 8	0117 9	0118 0	0118 1	0118 2	0119 9	0120 0	0120 9		
Inflammation, Granulomatous					3																	1	3.0
Interstit Cell, Hyperplasia																						1	3.0
Polyarteritis																					3	2	2.5
Seminif Tub, Degeneration	1	1		4	4	1	4	1		1		4			1		3	1	1	1	4	23	1.9
Hematopoietic System																							
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																						2	4.0
Erythroid Cell, Hyperplasia															2		2					2	2.0
Myeloid Cell, Hyperplasia													2									6	2.8
Lymph Node	+							+			+		+		+		+			+		13	
Axillary, Hyperplasia, Lymphoid															4							1	4.0
Axillary, Infiltration Cellular, Plasma Cell															4							1	4.0
Inguinal, Autolysis																						1	4.0
Lumbar, Congestion																						1	3.0
Lumbar, Degeneration, Cystic	2							4									4			4		4	3.5
Lumbar, Hyperplasia, Lymphoid											3											2	3.0
Lumbar, Infiltration Cellular, Plasma Cell	4							4			3		4		4					4		7	3.9
Mediastinal, Congestion																						1	3.0
Mediastinal, Infiltration Cellular, Plasma Cell																						1	2.0
Popliteal, Hyperplasia, Lymphoid																						1	3.0
Renal, Congestion																						1	3.0
Renal, Degeneration, Cystic																	4					3	3.3

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2) Mild 4) Marked

CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55		
ANIMAL ID	0109 8	0109 9	0111 30	0111 31	0111 32	0111 33	0111 34	0111 35	0111 36	0111 54	0111 75	0111 76	0111 77	0111 78	0111 79	0111 80	0111 81	0111 82	0111 99	0120 00	0120 09	*TOTALS	
Renal, Infiltration Cellular, Plasma Cell																						2	3.5
Renal, Pigmentation																						1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																						1	4.0
Degeneration, Cystic			2				2		4													5	2.2
Hyperplasia, Lymphoid	3	2				2				2	2	3		2							3	22	2.3
Infiltration Cellular, Plasma Cell	3	2	3	4	4	3	1	3	4	3	2	3		2			3		3		4	31	2.9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Congestion																						1	3.0
Degeneration, Cystic										4			4									2	4.0
Hyperplasia, Lymphoid	2								1			2		2								9	1.8
Infiltration Cellular, Mast Cell																						2	2.0
Infiltration Cellular, Plasma Cell										3			3									6	2.7
Inflammation, Granulomatous	1				2		2	2					2	2			1			1		16	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																						5	3.0
Capsule, Fibrosis																						1	2.0
Depletion Lymphoid																						1	4.0
Hematopoietic Cell Proliferation													1		4						2	9	2.2
Hematopoietic Cell Proliferation Granulocytic																						1	4.0
Hyperplasia, Lymphoid																			1			2	2.0
Pigmentation		1	2		2									2		1		2	1	3	1	29	2.5
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	46	

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1) Minimal 3) Moderate
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BLANK ..Not examined microscopically
2) Mild 4) Marked

CD Rat Male
F3 0 PPM

DAY ON TEST	07555	07555	07555	07555	07555	07555	07555	07555	07555	07556	07556	07556	07544	07544	07533	07533	07533	07522	07555	07544	07555	*TOTALS	
ANIMAL ID	01098	01099	01130	01131	01132	01133	01134	01135	01136	01154	01175	01176	01177	01178	01179	01180	01181	01182	01199	01200	01209		
Atrophy	4	4	4	4	4	4	4	4	4	4	3		4	4	4	4		4	4	4	4	41	3.9
Epithel Cell, Hyperplasia												4										1	4.0
Hemorrhage																						1	4.0
Hyperplasia, Lymphoid												4										1	4.0
Integumentary System																							
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39	
Alveolus, Hyperplasia					1							1										4	1.5
Degeneration	4	4					3		1	4					4	4	1	4				16	3.1
Infiltration Cellular, Lymphocyte																						1	1.0
Lactation																						2	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Cyst Epithelial Inclusion				X								X										2	
Epidermis, Hyperplasia				2										1	1							6	1.7
Hyperkeratosis				2										1	2							6	2.2
Inflammation, Chronic Active						3																3	2.0
Inflammation, Suppurative	3		4					4		4	3	4	4		4	4	4	4	4	4	4	21	3.8
Necrosis								3					2									2	2.5
Musculoskeletal System																							
Bone, Cranium										+												2	
Hemorrhage																						1	4.0
Hyperostosis										3												1	3.0
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Male
F3 0 PPM

DAY ON TEST	07555	07555	07555	07555	07555	07555	07555	07555	07555	07556	07556	07556	07554	07554	07553	07553	07553	07552	07555	07554	07555		
ANIMAL ID	01098	01099	01130	01131	01132	01133	01134	01135	01136	01154	01175	01176	01177	01178	01179	01180	01181	01182	01199	01200	01209	*TOTALS	
Skeletal Muscle																						1	
Nervous System																							
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Compression																						6	2.3
Hemorrhage																						1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Hydrocephalus			2																			2	2.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Developmental Malformation			X																			1	
Hemorrhage																						1	2.0
Hydrocephalus			3																			3	2.0
Respiratory System																							
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Alveolar Epith, Hyperplasia	2															3				2		4	2.0
Artery, Mineralization																						3	1.3
Autolysis																						4	3.0
Infiltration Cellular, Histiocyte	2	1															1	1		2		14	1.5
Inflammation, Chronic																3						1	3.0
Mediastinum, Bacterium																						1	4.0
Mediastinum, Foreign Body																						1	
Mediastinum, Hemorrhage																						1	4.0
Mediastinum, Inflammation, Suppurative																						1	4.0

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1-4 ..Lesion qualified as:
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CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55	
ANIMAL ID	0109 8	0109 9	0113 0	0113 1	0113 2	0113 3	0113 4	0113 5	0113 6	0115 4	0117 5	0117 6	0117 7	0117 8	0117 9	0118 0	0118 1	0118 2	0119 9	0120 0	0120 9	*TOTALS
Mediastinum, Necrosis																						1 4.0
Metaplasia, Osseous																1					1	3 1.0
Thrombosis																						1 2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Autolysis																						1 3.0
Goblet Cell, Hyperplasia																						1 2.0
Hyperkeratosis																		2				2 3.0
Inflammation, Chronic																						1 1.0
Inflammation, Chronic Active																						2 1.5
Inflammation, Suppurative		2												2								7 2.9
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Bilateral, Retina, Atrophy	1	2								2												12 2.3
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Infiltration Cellular, Lymphocyte				1		1						1				1				1		6 1.2
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Accumulation, Hyaline Droplet																						2 2.5
Autolysis																						3 2.7
Capsule, Fibrosis																						1 1.0
Cortex, Cyst	X				X	X							X	X	X	X	X			X	X	23

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M ..Missing tissue
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
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CD Rat Male
F3 0 PPM

DAY ON TEST	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 54	07 54	07 53	07 53	07 53	07 52	07 55	07 54	07 55	*TOTALS	
ANIMAL ID	0109 8	0109 9	0113 0	0113 1	0113 2	0113 3	0113 4	0113 5	0113 6	0115 4	0117 5	0117 6	0117 7	0117 8	0117 9	0118 0	0118 1	0118 2	0119 9	0120 0	0120 9		
Infiltration Cellular, Lymphocyte																						1	1.0
Nephropathy, Chronic	2	1	1	2	1	1	2	2	1	2	3	2	1	2	4	3	3	1	2		2	39	1.9
Pelvis, Dilatation																						2	2.0
Pelvis, Hyperplasia																						3	2.0
Pelvis, Inflammation, Suppurative																						1	4.0
Polycystic Kidney				4																		1	4.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Dilatation					4																	2	4.0
Hemorrhage																						1	2.0
Inflammation, Suppurative																						1	1.0
Transit Epithe, Hyperplasia																						1	2.0

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	0084	0295	0522	0570	0587	0593	0617	0694	0751	0751	0751	0751	0751	0751	0751	0751	0752	0752	0752	0751	0755	0755	0754	0754	0754	0754	0755	0754	0754	0754	0754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Alimentary System																															
Esophagus	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation								2																							
Hyperkeratosis			2																												
Intestine Large, Cecum	+	A	A	A	A	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis																														3	
Intestine Large, Colon	+	A	A	A	A	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis																														3	
Intestine Large, Rectum								A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyarteritis																															
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																			2								2				
Autolysis						2		2																							
Basophilic Focus																			X									X			
Bile Duct, Hyperplasia										2	1			2									1							1	
Biliar Tract, Fibrosis														1																	
Degeneration, Cystic								2	1										2	1											
Eosinophilic Focus																							X								X
Eosinophilic Focus, Multiple										X												X									

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	0084	0295	0522	0570	0587	0593	0617	0694	0751	0751	0751	0751	0751	0751	0751	0751	0752	0752	0752	0751	0755	0755	0754	0754	0754	0754	0755	0754	0754	0754	0754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Hematopoietic Cell Proliferation						1																									
Hepatodiaphragmatic Nodule								X																X							
Infiltration Cellular, Lymphocyte															2																
Inflammation, Chronic Active																							1		1						1
Tension Lipidosis																								3		2					
Vacuolization Cytoplasmic																												1			
Mesentery																															
Fat, Necrosis																															
Pancreas	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			2				2				1	1	1	4	1	2	2	4		2	2		1	4	1	2	1	2	1		3
Autolysis		3																													
Polyarteritis																								4							
Salivary Glands	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																															
Mineralization																															
Stomach, Forestomach	+	A	+	A	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	A	A	A	A	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						2																									
Cardiomyopathy		1				1						2	2		1	1	1		2		1	1	2		2	2	3	2	1	1	

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CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	0084	0295	0522	0570	0587	0593	0617	0694	0751	0751	0751	0751	0751	0751	0751	0751	0752	0752	0752	0752	0751	0755	0755	0754	0754	0754	0754	0755	0754	0754	0754	0754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Congestion												4																				
Endocardium, Hyperplasia																												1				
Metaplasia, Osseous																																
Mineralization																									1							
Endocrine System																																
Adrenal Cortex	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule						X						X																	X			
Degeneration, Cystic																					3	2								3		
Hyperplasia														2					1													
Hypertrophy												4										2										2
Vacuolization Cytoplasmic												2	1	1	1			2	2		1	2			1	2	1	2		2	1	
Adrenal Medulla	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																																
Hyperplasia												2				4													1		1	
Islets, Pancreatic	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		3																														
Hyperplasia			2	1		1			1	1		1						1	1		2	1		1		1			1		3
Parathyroid Gland	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																														2		
Hyperplasia																						2					2					
Pituitary Gland	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst									X						X										X							

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CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	0084	0295	0522	0570	0587	0593	0617	0694	0751	0751	0751	0751	0751	0751	0751	0751	0752	0752	0752	0752	0751	0755	0755	0754	0754	0754	0754	0755	0754	0754	0754	0754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Pars Distalis, Hyperplasia									2	3		1									2	2	2	4		2		2			
Thyroid Gland	+	A	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia													1													1				2	
Cyst, Squamous																						X						X			
General Body System																															
Tissue NOS																															
Genital System																															
Coagulating Gland	+	A	M	A	A	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																														2	
Developmental Malformation																															
Epididymis	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																														2	
Autolysis					4																										
Degeneration														1													1				
Hypospermia					4									2		4										4	4			4	
Infiltration Cellular, Lymphocyte													2		1						1		1								
Preputial Gland	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					4																										
Duct, Dilatation							3		4													2						3	4	4	
Infiltration Cellular, Lymphocyte			1		2	1				1			1				1				1	1	2			2	1			1	
Inflammation, Chronic Active																								2							
Inflammation, Suppurative	3								2		1			1		1		3										2	4		

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CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	0084	0295	0522	0570	0587	0593	0617	0694	0751	0751	0751	0751	0751	0751	0751	0752	0752	0752	0751	0755	0755	0754	0754	0754	0754	0755	0754	0754	0754	0754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Parenchym Cell, Degeneration					2				1					1		1					1		4	1		1		3	2		
Prostate	+			A	A		A										+	+					+						+	+	+
Prostate, Dorsal Lobe	+	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			3					4																							
Cyst																															
Inflammation, Suppurative			2			1		2	1	1	3	2	3	2	1	1			3	1	3	2		1	2	3	2	1			
Polyarteritis		2																													
Prostate, Ventral Lobe	+	+	A	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis								4																							
Degeneration																									3						
Hyperplasia										2												2									
Infiltration Cellular, Lymphocyte													1								1	1					1				
Inflammation, Suppurative											2			1																	
Rete Testes	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation						2								2	2	4														2	
Fibrosis																3											2				
Seminal Vesicle	+	A	A	A	A	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																														2	3
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis				4				3																							
Polyarteritis													2																	4	
Seminif Tub, Degeneration		1			4	4		1		1		1	4	4	3	4					1					4	4			4	

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CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	084	295	522	570	587	593	617	694	751	751	751	751	751	751	751	752	752	752	751	755	755	754	754	754	754	755	754	754	754	754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Hematopoietic System																															
Bone Marrow	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis								2																							
Erythroid Cell, Hyperplasia																															
Myeloid Cell, Hyperplasia								3									3														
Lymph Node														+		+		+												+	
Lumbar, Degeneration, Cystic																2														4	
Lumbar, Hyperplasia, Lymphoid																3														3	
Lumbar, Infiltration Cellular, Plasma Cell																4														4	
Mediastinal, Degeneration, Cystic																															
Popliteal, Degeneration, Cystic																														2	
Popliteal, Hyperplasia, Lymphoid																														4	
Popliteal, Infiltration Cellular, Plasma Cell																														4	
Renal, Degeneration, Cystic														4				2												4	
Renal, Hemorrhage														3																	
Renal, Hyperplasia, Lymphoid														2																2	
Renal, Infiltration Cellular, Plasma Cell																		4												4	
Renal, Inflammation, Suppurative																															
Renal, Necrosis																															
Lymph Node, Mandibular	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis								3																							
Degeneration, Cystic									2	3			2																	2	

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CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	084	295	522	570	587	593	617	694	751	751	751	751	751	751	751	751	752	752	752	751	755	755	754	754	754	754	755	754	754	754	754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Hyperplasia, Lymphoid	2					2							3		1						2			2		3				4	2
Infiltration Cellular, Plasma Cell		2				4	3	4	4	3	3		4	3				2	2		2					4		2		3	
Lymph Node, Mesenteric	+	+	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		2																													
Hyperplasia, Lymphoid	1																	2			2						2		2		2
Infiltration Cellular, Plasma Cell																															
Inflammation, Granulomatous		1	2			1							2		1	2			1	3				1	1		1	3			
Spleen	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		2			4	3		2																							
Capsule, Degeneration, Cystic																															
Capsule, Fibrosis																															
Congestion																4															
Hematopoietic Cell Proliferation						1							1						1				2					2			
Hyperplasia, Lymphoid	2																														
Hyperplasia, Stromal																					2		2								
Pigmentation		3			4	2	2	4		3	3		3				2	2	2			2	2	3		2			2		2
Red Pulp, Hyperplasia																							4								
Thymus	+	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			4			4	4	4	4	3	4		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4
Autolysis						4																									
Epithel Cell, Hyperplasia												2																			
Integumentary System																															

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CD Rat Male
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ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Mammary Gland	I	A	I	I	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia																										2			1	1	
Degeneration										4				1	4	4	2	4	4	3	3	4	4	1			4				
Duct, Dilatation													3																		
Fibrosis																															
Lactation											2																				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																								X							
Epidermis, Hyperplasia				3																											
Hyperkeratosis				4																											
Inflammation, Chronic Active																															
Inflammation, Suppurative								4	4				4	4	4	2	3	4			4		4					4	4	4	
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	A	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	2																														
Compression													2																		
Brain, Cerebellum	+	+	A	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	2																														
Brain, Cerebrum	+	+	A	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis	2																														

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CD Rat Male
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DAY ON TEST	084	295	522	570	587	593	617	694	751	751	751	751	751	751	751	752	752	752	751	755	755	754	754	754	754	755	754	754	754	754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Gliosis												2																			
Infiltration Cellular, Lymphocyte												2																			
Respiratory System																															
Lung	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia											4						1						1								
Artery, Mineralization																							1	1			1				
Autolysis						2																									
Congestion																															
Infiltration Cellular, Histiocyte				2						1	3	2		2			2		1				2				1		1		
Infiltration Cellular, Lymphocyte																	1														
Inflammation, Chronic							2																								
Metaplasia, Osseous						1				1					1																
Nose	+	+	A	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative	2										1																				
Trachea	+	A	A	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye					A		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis								4																							
Bilateral, Retina, Atrophy									2	2	2			1	1		1	2		2				2	2						
Cornea, Hyperplasia																		3													
Retina, Atrophy																					2		2								
Harderian Gland								+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	0084	0295	0522	0570	0587	0593	0617	0694	0751	0751	0751	0751	0751	0751	0751	0751	0752	0752	0752	0751	0755	0755	0754	0754	0754	0754	0755	0754	0754	0754	0754
ANIMAL ID	00020	00059	00177	00227	00272	00282	00312	00560	00975	00976	00977	00978	00979	00980	00981	00982	00992	00993	00994	00995	01048	01049	01050	01051	01052	01053	01073	01074	01075	01076	01077
Autolysis								3																							
Degeneration																															
Epithelium, Hyperplasia								2																							
Hyperplasia																				2										2	
Infiltration Cellular, Lymphocyte													1																		
Lacrimal Gland																				+											
Ectopic Harderian																				X											
Urinary System																															
Kidney	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			3	4	4	3		4																							
Capsule, Fatty Change			X											X		X															
Cortex, Cyst				X	X				X	X	X	X		X	X	X		X	X		X	X		X	X	X	X	X			X
Infiltration Cellular, Lymphocyte			1																												
Medulla, Cyst																															
Nephropathy, Chronic	1				2	2	3	2	1	1	2	2	4	2	2	1	1	1	3	1	2	2	2	2	1	2	1	3	3	4	2
Pelvis, Dilatation																															
Pelvis, Hyperplasia														2																	
Pelvis, Mineralization																						2									
Renal Tubule, Inflammation, Suppurative																			2												
Urethra																												+			+
Urinary Bladder	+	A	+	A	A	A	+	A	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51		
ANIMAL ID	0107 8	0110 0	0113 7	0113 8	0113 9	0114 0	0114 1	0114 2	0118 3	0118 4	0120 1	0120 2	0120 3	0120 4	0120 5	0120 6	0120 7	0120 8	0121 2	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Dilatation																				1	2.0
Hyperkeratosis																				1	2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Polyarteritis																				1	3.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Polyarteritis																				1	3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Polyarteritis									4											1	4.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Angiectasis	1														4					4	2.3
Autolysis																				2	2.0
Basophilic Focus	X																	X		4	
Bile Duct, Hyperplasia			1			1					1			1				1		10	1.2
Biliar Tract, Fibrosis														1						2	1.0
Degeneration, Cystic						1		2												6	1.5
Eosinophilic Focus																				2	
Eosinophilic Focus, Multiple																				2	

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07/54	07/55	07/55	07/55	07/55	07/55	07/54	07/54	07/55	07/54	07/55	07/54	07/54	07/54	07/51	07/51	07/50	07/50	07/51	*TOTALS	
ANIMAL ID	01078	01100	01137	01138	01139	01140	01141	01142	01183	01184	01201	01202	01203	01204	01205	01206	01207	01208	01212		
Hematopoietic Cell Proliferation																				1	1.0
Hepatodiaphragmatic Nodule																				2	
Infiltration Cellular, Lymphocyte		1																		2	1.5
Inflammation, Chronic Active	1		1		1	1				1	1			1						10	1.0
Tension Lipidosis																				2	2.5
Vacuolization Cytoplasmic																				1	1.0
Mesentery					+															1	
Fat, Necrosis					4															1	4.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Acinar Cell, Degeneration	3	1	2	3	2	2	1	1		4	2	2	2	4	2	4	3	2	2	38	2.1
Autolysis																				1	3.0
Polyarteritis																				1	4.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyperplasia							2													1	2.0
Mineralization						2														1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	2.0
Cardiomyopathy	1	1	1	1	2	1		1		3	2		2	2			1	1	2	31	1.5

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51		
ANIMAL ID	0107 8	0110 0	0111 37	0111 38	0111 39	0111 40	0111 41	0111 42	0111 83	0111 84	0112 01	0112 02	0112 03	0112 04	0112 05	0112 06	0112 07	0112 08	0112 12	*TOTALS		
Congestion																			1	1	4.0	
Endocardium, Hyperplasia																				1	1.0	
Metaplasia, Osseous																			2	1	2.0	
Mineralization																				1	1.0	
Endocrine System																						
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Accessory Adrenal Cortical Nodule							X													4		
Degeneration, Cystic	4		1					2					1							7	2.3	
Hyperplasia																				2	1.5	
Hypertrophy											2		2							5	2.4	
Vacuolization Cytoplasmic				2				1	2		2	2	2	2	2	2	2	1	2	26	1.7	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	46		
Degeneration, Cystic								2												1	2.0	
Hyperplasia			4	1				1						1					3	9	2.0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Autolysis																				1	3.0	
Hyperplasia	1			1		3		1		2			2		3			1	1	23	1.4	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	46		
Bilateral, Hyperplasia	2														2					3	2.0	
Hyperplasia						2														3	2.0	
Pituitary Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	46		
Pars Distalis, Cyst												X			X					5		

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51			
ANIMAL ID	0107 8	0110 0	0113 7	0113 8	0113 9	0114 0	0114 1	0114 2	0118 3	0118 4	0120 1	0120 2	0120 3	0120 4	0120 5	0120 6	0120 7	0120 8	0121 2	*TOTALS		
Pars Distalis, Hyperplasia						3			1	3					3	4		2	2		16	2.4
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
C Cell, Hyperplasia	2																		1		5	1.4
Cyst, Squamous									X							X					4	
General Body System																						
Tissue NOS								+												1		
Genital System																						
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Atrophy																					1	2.0
Developmental Malformation									X									X			2	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Atrophy		2																			2	2.0
Autolysis																					1	4.0
Degeneration				2						3								3			5	2.0
Hypospermia		4		4						4								4			10	3.8
Infiltration Cellular, Lymphocyte								1										1			6	1.2
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Autolysis																					1	4.0
Duct, Dilatation														2							7	3.1
Infiltration Cellular, Lymphocyte	2	2			1						1			2			1	1	1		20	1.3
Inflammation, Chronic Active																					1	2.0
Inflammation, Suppurative			2			1	2		2	2			2		3	2					16	2.1

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51		
ANIMAL ID	0107 8	0110 0	0111 37	0111 38	0111 39	0111 40	0111 41	0111 42	0111 83	0111 84	0112 01	0112 02	0112 03	0112 04	0112 05	0112 06	0112 07	0112 08	0112 12	*TOTALS	
Parenchym Cell, Degeneration	1					2			1							1	1	1	2	17	1.5
Prostate	+																			8	
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Autolysis																				2	3.5
Cyst																X				1	
Inflammation, Suppurative		3	1	1	2	2	3	1	1	1	1	2	3	2	3	2	1	1	3	38	1.8
Polyarteritis																				1	2.0
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	4.0
Degeneration		2								2	1									4	2.0
Hyperplasia			2									2				3				5	2.2
Infiltration Cellular, Lymphocyte								2				1								6	1.2
Inflammation, Suppurative		1					2													4	1.5
Rete Testes	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Dilatation										2					2					7	2.3
Fibrosis																				2	2.5
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Atrophy			2																	3	2.3
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				2	3.5
Polyarteritis										2										3	2.7
Seminif Tub, Degeneration		4		4	4	1	1		1	4	1				1	1		4	1	26	2.6

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	0754	0755	0755	0755	0755	0755	0754	0754	0755	0754	0755	0754	0754	0754	0751	0751	0750	0750	0751		
ANIMAL ID	01078	01100	01137	01138	01139	01140	01141	01142	01183	01184	01201	01202	01203	01204	01205	01206	01207	01208	01212	*TOTALS	
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	2.0
Erythroid Cell, Hyperplasia											2									1	2.0
Myeloid Cell, Hyperplasia											1									3	2.3
Lymph Node	+	+	+				+						+							9	
Lumbar, Degeneration, Cystic	3	3	4																	5	3.2
Lumbar, Hyperplasia, Lymphoid																				2	3.0
Lumbar, Infiltration Cellular, Plasma Cell	3	4	4				4													6	3.8
Mediastinal, Degeneration, Cystic	4																			1	4.0
Popliteal, Degeneration, Cystic																				1	2.0
Popliteal, Hyperplasia, Lymphoid																				1	4.0
Popliteal, Infiltration Cellular, Plasma Cell																				1	4.0
Renal, Degeneration, Cystic													4							4	3.5
Renal, Hemorrhage																				1	3.0
Renal, Hyperplasia, Lymphoid																				2	2.0
Renal, Infiltration Cellular, Plasma Cell													3							3	3.7
Renal, Inflammation, Suppurative													2							1	2.0
Renal, Necrosis													2							1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	3.0
Degeneration, Cystic	2																	2	2	7	2.1

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51		
ANIMAL ID	0107 8	0110 0	0113 7	0113 8	0113 9	0114 0	0114 1	0114 2	0118 3	0118 4	0120 1	0120 2	0120 3	0120 4	0120 5	0120 6	0120 7	0120 8	0121 2	*TOTALS	
Hyperplasia, Lymphoid	2	3				2			3								3			14	2.4
Infiltration Cellular, Plasma Cell	3	3	2		3	2	2	3	3	2		2				2	4	2	4	29	2.8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	2.0
Hyperplasia, Lymphoid																				6	1.8
Infiltration Cellular, Plasma Cell					3															1	3.0
Inflammation, Granulomatous		1			2	1	2	1	2	1					1	1				21	1.5
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				4	2.8
Capsule, Degeneration, Cystic																	2			1	2.0
Capsule, Fibrosis									2											1	2.0
Congestion																				1	4.0
Hematopoietic Cell Proliferation				1					1											7	1.3
Hyperplasia, Lymphoid																				1	2.0
Hyperplasia, Stromal																				2	2.0
Pigmentation	2						2	2	2			2	2	2	2	1			2	27	2.3
Red Pulp, Hyperplasia																				1	4.0
Thymus	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	45	
Atrophy	4	4	4		4	3	4	4	4	4	4	4	4	4	4	3	4	4		43	3.9
Autolysis																				1	4.0
Epithel Cell, Hyperplasia																				1	2.0
Integumentary System																					

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51		
ANIMAL ID	0107 8	0110 0	0111 37	0111 38	0111 39	0111 40	0111 41	0111 42	0111 83	0111 84	0112 01	0112 02	0112 03	0112 04	0112 05	0112 06	0112 07	0112 08	0112 12	*TOTALS	
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Alveolus, Hyperplasia	1															1				5	1.2
Degeneration		4	1	2	4						2	3	4	2	3		4		4	24	3.1
Duct, Dilatation																				1	3.0
Fibrosis											4									1	4.0
Lactation																				1	2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion																				1	
Epidermis, Hyperplasia																			3	2	3.0
Hyperkeratosis																			3	2	3.5
Inflammation, Chronic Active					2															1	2.0
Inflammation, Suppurative	4	4	4				4				4	4	4	4					3	22	3.8
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	2.0
Compression																				1	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	2.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Autolysis																				1	2.0

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51	*TOTALS	
ANIMAL ID	0107 8	0110 0	0113 7	0113 8	0113 9	0114 0	0114 1	0114 2	0118 3	0118 4	0120 1	0120 2	0120 3	0120 4	0120 5	0120 6	0120 7	0120 8	0121 2		
Gliosis																				1	2.0
Infiltration Cellular, Lymphocyte																				1	2.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Alveolar Epith, Hyperplasia																				3	2.0
Artery, Mineralization						1				1										5	1.0
Autolysis																				1	2.0
Congestion		3																		1	3.0
Infiltration Cellular, Histiocyte							1						1							12	1.6
Infiltration Cellular, Lymphocyte																				1	1.0
Inflammation, Chronic																				1	2.0
Metaplasia, Osseous	1					1														5	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Inflammation, Suppurative																				2	1.5
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Autolysis																				1	4.0
Bilateral, Retina, Atrophy																			1	11	1.6
Cornea, Hyperplasia											2									2	2.5
Retina, Atrophy																				2	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	

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

CD Rat Male
F3 5PPM TO CTL

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 55	07 54	07 54	07 54	07 51	07 51	07 50	07 50	07 51		
ANIMAL ID	01078	01100	01137	01138	01139	01140	01141	01142	01183	01184	01201	01202	01203	01204	01205	01206	01207	01208	01212	*TOTALS	
Autolysis																				1	3.0
Degeneration															1					1	1.0
Epithelium, Hyperplasia																				1	2.0
Hyperplasia																				2	2.0
Infiltration Cellular, Lymphocyte										2										2	1.5
Lacrimal Gland								+												2	
Ectopic Harderian								X												2	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Autolysis																				5	3.6
Capsule, Fatty Change																				3	
Cortex, Cyst		X	X		X	X			X	X	X			X	X	X	X		X	31	
Infiltration Cellular, Lymphocyte																				1	1.0
Medulla, Cyst								X												1	
Nephropathy, Chronic	2	1	1	1	3	2	1	2	2	2		1	1	1	2	3	1	2	1	46	1.8
Pelvis, Dilatation					3															1	3.0
Pelvis, Hyperplasia																				1	2.0
Pelvis, Mineralization																				1	2.0
Renal Tubule, Inflammation, Suppurative																				1	2.0
Urethra																				2	
Urinary Bladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	43	

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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
F3 100PPM TO CTL

DAY ON TEST	0051	0338	0527	0544	0550	0555	0570	0593	0645	0659	0666	0665	0681	0680	0702	0715	0737	0751	0751	0751	0752	0751	0751	0751	0751	0751	0751	0751	0751	0751	0751
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Alimentary System																															
Esophagus	+	+	+	+	M	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	A	A	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	A	A	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	M												+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	A	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	A	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	A	A	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	A	+	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																1															
Autolysis		1																													
Basophilic Focus																X												X			
Bile Duct, Hyperplasia			1										2			1	2		1	1							2	1		1	
Biliar Tract, Fibrosis																				1		1					1				1
Clear Cell Focus									X							X															
Cyst																		X													
Degeneration, Cystic													3										1				2				
Developmental Malformation													X																		
Eosinophilic Focus																															
Eosinophilic Focus, Multiple																X															
Fatty Change													4																		
Hematopoietic Cell Proliferation						1					1																				

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	00511	00338	00527	00544	00550	00555	00570	00593	00645	00659	00666	00665	00681	00680	00702	00715	00737	00751	00751	00751	00752	00751	00751	00751	00751	00751	00751	00751	00751	00751	00751
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Hemorrhage																								1							
Hepatodiaphragmatic Nodule																				X											
Inflammation, Chronic Active																	1					1		1		1		1			
Mixed Cell Focus															X																
Necrosis																	1									1					1
Tension Lipidosis																3															
Vacuolization Cytoplasmic		2								2	2	2			2																
Pancreas	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			2	2	3	2				2		3	1	2		1	2		3	3	2		2	3	2	2	3	1	2		2
Salivary Glands	A	+	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	A	A	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue				+																											
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		1		2	1	2		2	1	2		1	1			2			2	2	1	2	1	1	1	2	2	2	1		1
Mineralization																															
Endocrine System																															
Adrenal Cortex	+	+	+	+	A	+		+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																															
Angiectasis															2																

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	00 51	03 38	05 27	05 44	05 50	05 55	05 70	05 93	06 45	06 59	06 66	06 65	06 81	06 80	07 02	07 15	07 37	07 51	07 51	07 51	07 52	07 51	07 51	07 51	07 51	07 51	07 51	07 51	07 51	07 51
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Autolysis			3																												
Bilateral, Hyperplasia																															
Cyst										X																					
Degeneration, Cystic																	2														
Hyperplasia			2																									2			
Hypertrophy																			2			1	2					2			
Vacuolization Cytoplasmic			2			1			2					2			3	1	2	2	2	1	1	1	2	2	2	2	2		1
Adrenal Medulla	+	+	+	+	A	+		+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia																				3											
Degeneration, Cystic																															
Hyperplasia														1					1		1			1							
Islets, Pancreatic	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1	2	1	2	1		1		2			1		1					1								1	1		1
Parathyroid Gland	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Bilateral, Hyperplasia																															
Hyperplasia						2						1			1							2				2					
Pituitary Gland	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst				X													X									X				
Pars Distalis, Hyperplasia																2			3	2	2		1				2				
Pars Nervosa, Infiltration Cellular, Lymphocyte																													2		
Thyroid Gland	A	+	A	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia															1		1										1				

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	005 1	033 8	052 7	054 4	055 0	055 5	057 0	059 3	064 5	065 9	066 6	066 5	068 1	068 0	070 2	071 5	073 7	075 1	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Cyst, Squamous																X															
Follicular Cel, Hyperplasia																															
Infiltration Cellular, Lymphocyte																															
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	M	+	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration								2																							
Developmental Malformation											X																				
Fibrosis																															
Inflammation, Chronic																															
Epididymis	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration								3					4		2	2		1					1								
Hypospermia	4							4					2	2	4	4		4				4	4							4	
Infiltration Cellular, Lymphocyte																			1									1		1	1
Preputial Gland	M	+	M	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																			4												
Duct, Dilatation								4									4											4			
Infiltration Cellular, Lymphocyte		1										1	2						4	1	2				2	1			1	3	
Inflammation, Suppurative					4			2								4	2					1		2			1	4			
Parenchym Cell, Degeneration		1											1						3			1			2				3		
Prostate	M									+	+													+							

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CD Rat Male
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DAY ON TEST	005 1	033 8	052 7	054 4	055 0	055 5	057 0	059 3	064 5	065 9	066 6	066 5	068 1	068 0	070 2	071 5	073 7	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Prostate, Dorsal Lobe	M	+	+	+	+	+		+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																			1										1	
Inflammation, Suppurative			3	2	3	1		2				1	4		4	2	3	2		2	2	3	1		2	1	1		3		
Prostate, Ventral Lobe	M	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					2																									
Degeneration				2				2					3		3			2							2						
Hyperplasia																3	4	1					4								
Infiltration Cellular, Lymphocyte			2		2				1							1			1	1	1					1	1		1	1
Inflammation, Chronic													2																	
Inflammation, Suppurative		1						1						4	1																
Rete Testes	M	+	+	+	M	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+
Dilatation																3		2										1			
Fibrosis																		3											2		
Seminal Vesicle	M	A	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy					3								3		1								2								
Autolysis					4																										
Degeneration													2																		
Dilatation														3															4		
Hyperplasia														3																	
Inflammation, Chronic Active													2																		
Inflammation, Suppurative														2																	
Testes	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																															

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	005 1	033 8	052 7	054 4	055 0	055 5	057 0	059 3	064 5	065 9	066 6	066 5	068 1	068 0	070 2	071 5	073 7	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Fibrosis																						3									
Inflammation, Suppurative								4																							
Polyarteritis																													2		
Seminif Tub, Degeneration			1	1	3			4					1	2	4	4		4	2	1		4	4	1			4	3	1	4	2
Hematopoietic System																															
Bone Marrow	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erythroid Cell, Hyperplasia						3		4						3			4						2								
Hypocellularity															3																
Myeloid Cell, Hyperplasia						3													2	2			4		3				3		
Lymph Node								+						+			+	+	+		+	+	+	+	+				+		
Inguinal, Degeneration, Cystic														4																	
Inguinal, Infiltration Cellular, Plasma Cell														4																	
Lumbar, Degeneration, Cystic																	4	4	4		4	4	2	4					4		
Lumbar, Hyperplasia, Lymphoid																						3							3		
Lumbar, Infiltration Cellular, Plasma Cell								3									3	4	3		3	2	4	4	3				4		
Lumbar, Pigmentation																	2														
Pancreatic, Hemorrhage																															
Pancreatic, Hyperplasia, Lymphoid																															
Renal, Degeneration, Cystic																													2		
Renal, Hyperplasia, Lymphoid																													2		
Renal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	M	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	0051	0338	0527	0544	0550	0555	0570	0593	0645	0659	0666	0665	0681	0680	0702	0715	0737	0751	0751	0751	0752	0751	0751	0751	0751	0751	0751	0751	0751	0751	0751
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Degeneration, Cystic													2									4	4		3						
Hyperplasia, Lymphoid			2			2		3		2		4			2	3	2		2			3				2		2	3		
Infiltration Cellular, Plasma Cell					2			3	3			4	2		2	3	3		2			4	3	2	4	2		3	3		
Inflammation, Chronic Active								2																							
Lymph Node, Mesenteric	A	+	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																															
Hyperplasia, Lymphoid										2										2											
Infiltration Cellular, Plasma Cell				2									2																		
Inflammation, Chronic Active								4																							
Inflammation, Granulomatous										2	1		2	2		2		1	3	1					1						
Spleen	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Capsule, Cyst, Multiple																								X							
Depletion Lymphoid													3																		
Hematopoietic Cell Proliferation						3		3					3	4			3	2		1		3	1	2							
Hyperplasia, Lymphoid																			2												
Hyperplasia, Stromal												2																			
Pigmentation					2					2	2		3			2		2	1		2					1	1	1		1	1
Thymus	M	+	+	+	+	+		+	+	+	+	+	+	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	I
Atrophy		2	3	4	4	3		4	3	4	4	4	4		4		4		3	4	4	4	4	4	4	4	4	4	4	3	
Epithel Cell, Hyperplasia																															
Integumentary System																															
Mammary Gland	A	+	+	+	A	I		+	M	I	I	+	+	+	I	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+

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CD Rat Male
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ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Alveolus, Hyperplasia																					1			1	1		2		2		
Degeneration				3												3		1							3			4			
Lactation													2									1									
Skin	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion			X																												
Epidermis, Hyperplasia																				2											
Hyperkeratosis																				2											
Inflammation, Chronic Active						4		4						3													2				2
Inflammation, Granulomatous																															
Inflammation, Suppurative													4		4			4	4		4	4	3	4	4				4	4	
Lymphatic, Ectasia														3																	
Necrosis														2													2				
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+		+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression										1			1		2																
Hemorrhage													3																		
Brain, Cerebellum	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gliosis																		4													
Vacuolization Cytoplasmic																				1											

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CD Rat Male
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Respiratory System																															
Lung	A	+	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Artery, Mineralization								1													1		2				1		1	1	
Infiltration Cellular, Histiocyte						2												3			2		1	1	1					1	2
Infiltration Cellular, Lymphocyte						2											2														
Metaplasia, Osseous																		1											1		1
Nose	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Goblet Cell, Metaplasia												2																			
Inflammation, Chronic Active											2														2						
Inflammation, Suppurative								4				4																			
Metaplasia, Squamous												3																			
Respirat Epith, Hyperplasia											2																				
Upper Molar, Inflammation, Chronic Active												4																			
Upper Molar, Necrosis												3																			
Trachea	+	+	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	A												+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Atrophy																		2								2		2		2	
Cornea, Hyperplasia																															
Hemorrhage																															
Inflammation, Suppurative																															
Harderian Gland	A												+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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
F3 100PPM TO CTL

DAY ON TEST	005 1	033 8	052 7	054 4	055 0	055 5	057 0	059 3	064 5	065 9	066 6	066 5	068 1	068 0	070 2	071 5	073 7	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	00016	00089	00188	00203	00207	00214	00228	00279	00367	00386	00402	00403	00437	00440	00781	00934	00946	00983	00984	00985	00996	00997	00998	00999	01000	01001	01002	01003	01004	01005	01006
Infiltration Cellular, Lymphocyte																				1										1	
Lacrimal Gland										+															+						
Ectopic Harderian										X															X						
Zymbal's Gland						+																									
Urinary System																															
Kidney	A	+	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis		2																													
Capsule, Fatty Change									X																			X			
Cortex, Cyst		X				X		X			X						X		X	X			X		X	X	X		X	X	
Hyperplasia, Tubular																													2		
Infiltration Cellular, Lymphocyte												1																			
Nephropathy, Chronic			1	3		1		3		2	3		2		3	1	1	2	2	2	1	1	2	2	1	1	1	2	4	1	1
Pelvis, Hyperplasia													2				1														
Pelvis, Mineralization																															
Polycystic Kidney																															
Urethra																	+								+						
Urinary Bladder	M	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 56	07 54	07 56	
ANIMAL ID	0104	0105	0106	0106	0106	0106	0107	0108	0108	0108	0108	0114	0114	0114	0114	0114	0118	0118	0121	*TOTALS
Alimentary System																				
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Angiectasis																		1		2 1.0
Autolysis																				1 1.0
Basophilic Focus											X									3
Bile Duct, Hyperplasia			1																	10 1.3
Biliar Tract, Fibrosis		1														1				6 1.0
Clear Cell Focus																				2
Cyst																				1
Degeneration, Cystic	1		2																	5 1.8
Developmental Malformation																				1
Eosinophilic Focus				X					X											2
Eosinophilic Focus, Multiple																		X		2
Fatty Change																				1 4.0
Hematopoietic Cell Proliferation																				2 1.0

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 56	07 54	07 56		
ANIMAL ID	010054	010055	010056	010066	010067	010068	010079	010080	010081	010083	010086	011143	011144	011145	011146	011147	011185	011186	011211	*TOTALS	
Hemorrhage																				1	1.0
Hepatodiaphragmatic Nodule																				1	
Inflammation, Chronic Active																				5	1.0
Mixed Cell Focus																				1	
Necrosis																				3	1.0
Tension Lipidosis																				1	3.0
Vacuolization Cytoplasmic			1						2											7	1.9
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinar Cell, Degeneration		4	2	2	2	4	3	3	3	4	2	3	3	3		2	4	4	2	38	2.5
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Tongue																				1	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Cardiomyopathy	1	2		3	2	1	1	1	2	3	2	2	2		1		1	1		37	1.6
Mineralization									1											1	1.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Accessory Adrenal Cortical Nodule									X											1	
Angiectasis																				1	2.0

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 56	07 54	07 56		
ANIMAL ID	0105 4	0105 5	0105 6	0106 6	0106 7	0106 8	0107 9	0108 0	0108 1	0108 3	0108 6	0114 3	0114 4	0114 5	0114 6	0114 7	0118 5	0118 6	0121 1	*TOTALS	
Autolysis																				1	3.0
Bilateral, Hyperplasia												1								1	1.0
Cyst																				1	
Degeneration, Cystic				2				1			2						3			5	2.0
Hyperplasia		2				2			2											5	2.0
Hypertrophy	1							2			2		1							8	1.6
Vacuolization Cytoplasmic	1		2	1		1	1	1	1	1	1	1	2	1	1		1	2	1	34	1.5
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Bilateral, Hyperplasia																				1	3.0
Degeneration, Cystic																	3			1	3.0
Hyperplasia	2	2					2			2			4				1			10	1.7
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hyperplasia		1	2	1	1				1	3	1		2	2						22	1.4
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Bilateral, Hyperplasia					2		2				2				2					4	2.0
Hyperplasia	1			2																7	1.6
Pituitary Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	48	
Pars Distalis, Cyst													X						X	5	
Pars Distalis, Hyperplasia			1	2		2							4	2			4		2	13	2.2
Pars Nervosa, Infiltration Cellular, Lymphocyte																				1	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
C Cell, Hyperplasia																				3	1.0

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 56	07 54	07 56		
ANIMAL ID	010054	010055	010056	010066	010067	010068	010079	010080	010081	010083	010086	011143	011144	011145	011146	011147	011185	011186	011211	*TOTALS	
Cyst, Squamous														X						2	
Follicular Cel, Hyperplasia										4										1	4.0
Infiltration Cellular, Lymphocyte	1																			1	1.0
General Body System																					
NONE																					
Genital System																					
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Degeneration																				1	2.0
Developmental Malformation												X								2	
Fibrosis				4																1	4.0
Inflammation, Chronic				2																1	2.0
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration																				6	2.2
Hypospermia																				10	3.6
Infiltration Cellular, Lymphocyte											1							1		6	1.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Abscess					4															2	4.0
Duct, Dilatation				3	4		3				3									7	3.6
Infiltration Cellular, Lymphocyte	1	1			4	2										1				15	1.8
Inflammation, Suppurative			4	4			4		2	1	2		1		4		4		4	18	2.8
Parenchym Cell, Degeneration	1		4	1	3	2					1						3			13	2.0
Prostate								+		+							+			6	

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 56	07 54	07 56		
ANIMAL ID	0105 4	0105 5	0105 6	0106 6	0106 7	0106 8	0107 9	0108 0	0108 1	0108 3	0108 6	0114 3	0114 4	0114 5	0114 6	0114 7	0118 5	0118 6	0121 1	*TOTALS	
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Infiltration Cellular, Lymphocyte																				2	1.0
Inflammation, Suppurative	2	3	1	1	2	2	2		2		2	2	2	1	2	3		1	2	35	2.1
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																				1	2.0
Degeneration																		2		7	2.3
Hyperplasia		3	3																	6	3.0
Infiltration Cellular, Lymphocyte				1					1			1								14	1.1
Inflammation, Chronic																				1	2.0
Inflammation, Suppurative					1	1	1								1	2				9	1.4
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Dilatation				2			3													5	2.2
Fibrosis																				2	2.5
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Atrophy												2								5	2.2
Autolysis																				1	4.0
Degeneration																				1	2.0
Dilatation																				2	3.5
Hyperplasia													4				4			3	3.7
Inflammation, Chronic Active																				1	2.0
Inflammation, Suppurative																				1	2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Edema					3															1	3.0

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 55	07 56	07 54	07 56		
ANIMAL ID	0105 4	0105 5	0105 6	0106 6	0106 7	0106 8	0107 9	0108 0	0108 1	0108 3	0108 6	0114 3	0114 4	0114 5	0114 6	0114 7	0118 5	0118 6	0121 1	*TOTALS		
Fibrosis																					1	3.0
Inflammation, Suppurative																					1	4.0
Polyarteritis																					1	2.0
Seminif Tub, Degeneration		1	4	4	4		4		1	1	2					1	1	1			30	2.5
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Erythroid Cell, Hyperplasia																					5	3.2
Hypocellularity																					1	3.0
Myeloid Cell, Hyperplasia			2																		7	2.7
Lymph Node		+			+	+		+				+		+					+	18		
Inguinal, Degeneration, Cystic																					1	4.0
Inguinal, Infiltration Cellular, Plasma Cell																					1	4.0
Lumbar, Degeneration, Cystic						3		3				4									11	3.6
Lumbar, Hyperplasia, Lymphoid								3				3									4	3.0
Lumbar, Infiltration Cellular, Plasma Cell						3		4				4									13	3.4
Lumbar, Pigmentation																					1	2.0
Pancreatic, Hemorrhage					2																1	2.0
Pancreatic, Hyperplasia, Lymphoid					2																1	2.0
Renal, Degeneration, Cystic		2																	4		3	2.7
Renal, Hyperplasia, Lymphoid																					1	2.0
Renal, Infiltration Cellular, Plasma Cell		3																			1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55 5	07 55 5	07 55 5	07 54 4	07 54 4	07 54 4	07 55 5	07 55 5	07 55 5	07 55 5	07 55 5	07 55 6	07 55 5	07 55 5	07 55 5	07 55 5	07 55 6	07 54 4	07 55 6		
ANIMAL ID	0101054	0101055	0101056	0101066	0101067	0101068	0101079	0101080	0101081	0101083	0101086	0101143	0101144	0101145	0101146	0101147	0101185	0101186	0101211	*TOTALS	
Degeneration, Cystic		2								2	4	2				2				9	2.8
Hyperplasia, Lymphoid	2					2		2	3											17	2.4
Infiltration Cellular, Plasma Cell		2	4						2	3	2	4	2			2		2	2	26	2.7
Inflammation, Chronic Active																				1	2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hemorrhage					3															1	3.0
Hyperplasia, Lymphoid		2			2		2													5	2.0
Infiltration Cellular, Plasma Cell																				2	2.0
Inflammation, Chronic Active																				1	4.0
Inflammation, Granulomatous	2	2	1	1			2						1			1				16	1.6
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Capsule, Cyst, Multiple																				1	
Depletion Lymphoid																				1	3.0
Hematopoietic Cell Proliferation							2			3				4						13	2.6
Hyperplasia, Lymphoid																				1	2.0
Hyperplasia, Stromal																				1	2.0
Pigmentation			2	1		1		2			2				1	3		4	2	22	1.8
Thymus	+	+	I	+	I	+	+	+	+	+	+	+	+	I	+	+	+	+	+	41	
Atrophy	4	4		4		4	4	4	4	4	4	4	4		4	4	4	4	3	41	3.8
Epithel Cell, Hyperplasia																			2	1	2.0
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41	

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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07555	07555	07555	07544	07544	07544	07555	07555	07555	07555	07555	07556	07555	07555	07555	07555	07556	07544	07556		
ANIMAL ID	01054	01055	01056	01066	01067	01068	01079	01080	01081	01083	01086	01143	01144	01145	01146	01147	01185	01186	01211	*TOTALS	
Alveolus, Hyperplasia			1																	6	1.3
Degeneration						3	1	4			4	4								10	3.0
Lactation		1														2				4	1.5
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cyst Epithelial Inclusion			X						X											3	
Epidermis, Hyperplasia				3																2	2.5
Hyperkeratosis				2																2	2.0
Inflammation, Chronic Active																				5	3.0
Inflammation, Granulomatous									4											1	4.0
Inflammation, Suppurative		4	4			3	4	4	3	4	4	3			4	4	4	4		24	3.8
Lymphatic, Ectasia																				1	3.0
Necrosis																				2	2.0
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Compression																				3	1.3
Hemorrhage																				1	3.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Gliosis																				1	4.0
Vacuolization Cytoplasmic																				1	1.0

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1-4 ..Lesion qualified as:
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CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 55	07 56	07 54	07 56		
ANIMAL ID	0105 4	0105 5	0105 6	0106 6	0106 7	0106 8	0107 9	0108 0	0108 1	0108 3	0108 6	0114 3	0114 4	0114 5	0114 6	0114 7	0118 5	0118 6	0121 1	*TOTALS		
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Artery, Mineralization		1			1				1		2				1	1					12	1.2
Infiltration Cellular, Histiocyte		1			1	1				1											12	1.4
Infiltration Cellular, Lymphocyte																					2	2.0
Metaplasia, Osseous		1					1														5	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Goblet Cell, Metaplasia																					1	2.0
Inflammation, Chronic Active																					2	2.0
Inflammation, Suppurative							1														3	3.0
Metaplasia, Squamous																					1	3.0
Respirat Epith, Hyperplasia																					1	2.0
Upper Molar, Inflammation, Chronic Active																					1	4.0
Upper Molar, Necrosis																					1	3.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38		
Bilateral, Retina, Atrophy																			2		5	2.0
Cornea, Hyperplasia	2																				1	2.0
Hemorrhage			4																		1	4.0
Inflammation, Suppurative			4																		1	4.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38		

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

CD Rat Male
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 55	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 56	07 54	07 56		
ANIMAL ID	010054	010055	010056	010066	010067	010068	010079	010080	010081	010083	010086	011143	011144	011145	011146	011147	011185	011186	011211	*TOTALS	
Infiltration Cellular, Lymphocyte																				2	1.0
Lacrimal Gland																				2	
Ectopic Harderian																				2	
Zymbal's Gland																				1	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Autolysis																				1	2.0
Capsule, Fatty Change																				2	
Cortex, Cyst		X		X	X	X	X	X			X			X			X			22	
Hyperplasia, Tubular														2						2	2.0
Infiltration Cellular, Lymphocyte																				1	1.0
Nephropathy, Chronic	1	2	1	1	2	2	2	2	2	3	2	1	1	3	2	3	2	1	1	43	1.8
Pelvis, Hyperplasia					1									2						4	1.5
Pelvis, Mineralization																2				1	2.0
Polycystic Kidney										4										1	4.0
Urethra																				2	
Urinary Bladder	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	47	

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

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0050	0079	0508	0529	0532	0554	0601	0624	0629	0626	0638	0641	0679	0713	0751	0751	0751	0751	0752	0751	0751	0751	0751	0751	0751	0751	0754	0754	0754	0754	0754	0754
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Alimentary System																																
Esophagus	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperkeratosis				2																												
Intestine Large, Cecum	+	+	+	+	A	+	A		+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						3																										
Inflammation, Suppurative						4																										
Lymphatic, Ectasia																													4			
Intestine Large, Colon	+	+	+	+	A	A	+		+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+												+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	A	A	A	A		+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																																
Intestine Small, Ileum	A	+	+	+	A	A	A		+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	A	A	A	A		+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																										2		2				
Autolysis									3																							
Basophilic Focus																																
Basophilic Focus, Multiple																																
Bile Duct, Dilatation																																
Bile Duct, Hyperplasia				4			1		2	1		1		1				1		1		1					1	1	1			
Biliar Tract, Cyst																																
Biliar Tract, Fibrosis										1		1									1	1							1			

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

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	005 0	007 9	050 8	052 9	053 2	055 4	060 1	062 4	062 9	062 6	063 8	064 1	067 9	071 3	075 1	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 4	075 4	075 4	075 4	075 4	075 4
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Capsule, Hyperplasia																															
Congestion		3																													
Degeneration, Cystic																3											2	2			
Eosinophilic Focus, Multiple																															
Fibrosis				4																											
Infiltration Cellular, Lymphocyte																											1				
Inflammation, Chronic Active				4											1				2					1	1						1
Necrosis		3													1										1			1			1
Tension Lipidosis										3													2	2							
Vacuolization Cytoplasmic				3																											
Pancreas	+	+	+	+	A	+	+		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		1					2		2			2		2	4		3	2			1	3		1	2	1	2	3	4	1	4
Autolysis						3			2																						
Infiltration Cellular, Lymphocyte																		1										2			
Inflammation, Chronic Active																															
Salivary Glands	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration																															
Hypertrophy																														4	
Stomach, Forestomach	+	+	+	+	+	A	+		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Keratin Cyst																															
Stomach, Glandular	+	+	+	+	A	A	+		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	005 0	007 9	050 8	052 9	053 2	055 4	060 1	062 4	062 9	062 6	063 8	064 1	067 9	071 3	075 1	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 4	075 4	075 4	075 4	075 4	075 4
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Blood Vessel	+	+	A	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	A	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy				1	1					2					1		1	1	1	2	2	1				1		1	1	2	
Pericardium, Hyperplasia																															
Endocrine System																															
Adrenal Cortex	+	+	+	+	A	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																X					X										
Angiectasis																		2							4					2	
Degeneration, Cystic																						3			4					2	
Hyperplasia																						2									
Hypertrophy																															
Pigmentation																		2													
Vacuolization Cytoplasmic							2						1	1			2			1	1	2	1	1					2	1	2
Adrenal Medulla	+	+	A	+	A	M	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Hyperplasia													2																		
Hyperplasia							1									2															
Islets, Pancreatic	+	+	+	+	+	+	+		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				1		2	2		1	1		2		2	2	1	1	1				1		2			1	2			
Parathyroid Gland	+	+	+	+	+	+	+		+	+	+	+	M	+	M	+	+	M	+	M	+	+	+	+	+	+	+	+	M	+	+	+
Bilateral, Hyperplasia																										2				2	
Hyperplasia																								2							
Pituitary Gland	+	+	A	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	00 50	00 79	05 08	05 29	05 32	05 54	06 01	06 24	06 29	06 26	06 38	06 41	06 79	07 13	07 51	07 51	07 51	07 51	07 52	07 51	07 51	07 51	07 51	07 51	07 51	07 54	07 54	07 54	07 54	07 54	07 54
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Pars Distalis, Cyst																															X
Pars Distalis, Cyst, Multiple																				X											
Pars Distalis, Hyperplasia																2	1		1		2	2	1				2			2	
Thyroid Gland	+	+	+	+	A	A	A		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia													2								1		2		2					1	
Cyst, Squamous																						X									
General Body System																															
Tissue NOS														+	+																
Genital System																															
Coagulating Gland	+	+	+	+	A	+	A		A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2	2									3	2	3																
Developmental Malformation				X																											
Epididymis	+	+	+	+	+	A	+		+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy															3																
Degeneration															3										2						
Hyperplasia																									2						
Hypospermia		2													4										3						
Infiltration Cellular, Lymphocyte																							1								
Preputial Gland	M	M	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					3				3																						
Duct, Dilatation																			3	3	4					2				3	
Infiltration Cellular, Lymphocyte									2							1		2											2		

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	005 0	007 9	050 8	052 9	053 2	055 4	060 1	062 4	062 9	062 6	063 8	064 1	067 9	071 3	075 1	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 4	075 4	075 4	075 4	075 4	075 4
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Inflammation, Suppurative			4		3						3	4	2	4	3		2		2	4	2	4			2	1	4	2		3	
Parenchym Cell, Degeneration			3						2		1	2		3			1	2		4								1		2	
Prostate	+	+							A							+							+								
Prostate, Dorsal Lobe	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2																												
Autolysis					2	3																									
Degeneration										1					2																
Infiltration Cellular, Lymphocyte																			1										1		
Inflammation, Suppurative					2	2	2			1	1	2	1	2			1	1		2	2	1			1	2	2	2			
Prostate, Ventral Lobe	+	+	+	+	+	A	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2																												
Degeneration							2							2										1	2				3	2	
Hyperplasia				2										3	1				1	2		3			2		1			1	
Infiltration Cellular, Lymphocyte																				2		1					1				2
Inflammation, Chronic																															
Inflammation, Suppurative				1									1		2			1								1				1	
Mineralization															2																
Rete Testes	+	+	+	+	M	M	+		M	+	A	+	M	+	I	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+
Dilatation		2												1						2											
Seminal Vesicle	+	+	+	+	A	A	+		A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2				3					2	3	2	3																
Dilatation																															
Inflammation, Suppurative																															

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	00 50	00 79	05 08	05 29	05 32	05 54	06 01	06 24	06 29	06 26	06 38	06 41	06 79	07 13	07 51	07 51	07 51	07 51	07 52	07 51	07 51	07 51	07 51	07 51	07 51	07 54	07 54	07 54	07 54	07 54	07 54
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Testes	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Artery, Mineralization																			2												
Autolysis						2					3																				
Hemorrhage														3																	
Polyarteritis																															
Seminif Tub, Degeneration		1				2					2		3		4	2	1		1	1	1		2	2	3			1	3		
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	A	+		+	+	+	A	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis			4																												
Depletion Cellular	4																														
Erythroid Cell, Hyperplasia																							3						2		
Hypocellularity															3																
Myeloid Cell, Hyperplasia																							3								
Lymph Node			+																			+	+			+			+		+
Lumbar, Degeneration, Cystic																						4				3			2		
Lumbar, Hyperplasia, Lymphoid																										3			2		
Lumbar, Infiltration Cellular, Plasma Cell																						4				4			3		
Mediastinal, Hemorrhage																															
Mediastinal, Pigmentation																															
Renal, Degeneration, Cystic																							4								
Renal, Infiltration Cellular, Plasma Cell																							4								4
Lymph Node, Mandibular	+	+	+	M	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Male
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DAY ON TEST	005 0	007 9	050 8	052 9	053 2	055 4	060 1	062 4	062 9	062 6	063 8	064 1	067 9	071 3	075 1	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 4	075 4	075 4	075 4	075 4	075 4
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Autolysis						3			4																						
Degeneration, Cystic													2	4				2		4											
Depletion Lymphoid	4																														
Hyperplasia, Lymphoid		2				2							3		3							2		2		3	2	1			
Infiltration Cellular, Plasma Cell							3		3	3	4	2	2	4	3		2	2	1	3	4	3		3	3	3		2	4		3
Lymph Node, Mesenteric	M	+	+	+	+	+	+		+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						3																									
Hyperplasia, Lymphoid		2		2														2											2		
Infiltration Cellular, Mast Cell																								2							
Infiltration Cellular, Plasma Cell																			3						2						
Inflammation, Granulomatous				2		2	1			2		2	2	1				1					2	2	1	1			1	2	4
Spleen	+	+	+	+	A	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4					3																				
Capsule, Fibrosis															2																
Depletion Lymphoid	4					3																									
Hematopoietic Cell Proliferation				4												1			2			2	1			2				2	
Hyperplasia, Lymphoid																															
Hyperplasia, Stromal																															
Necrosis			4																												
Pigmentation						3	2				2	3						2	2	1	1				3		2				
Thymus	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+
Atrophy				4	4	4	4		4	4	4	4	4	4	4	4	4	4	4	4	4		4	4	4	4	4	2	4	4	4
Autolysis						3																									

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	00 50 0	00 79	00 50 8	00 52 9	00 53 2	00 55 4	00 60 1	00 62 4	00 62 9	00 62 6	00 63 8	00 64 1	00 67 9	00 71 3	00 75 1	00 75 1	00 75 1	00 75 1	00 75 2	00 75 1	00 75 1	00 75 1	00 75 1	00 75 1	00 75 1	00 75 4	00 75 4	00 75 4	00 75 4	00 75 4	00 75 4
ANIMAL ID	000017	000019	000154	000189	000190	000209	000285	000323	000336	000347	000356	000374	000435	000933	000986	000987	000988	000989	001007	001008	001009	001010	001011	001012	001013	001057	001058	001059	001060	001061	001069
Depletion Lymphoid	4																														
Polyarteritis																															
Integumentary System																															
Mammary Gland	I	+	I	+	+	I	+		A	+	I	A	+	+	+	+	+	+	+	I	+	+	+	+	+	I	+	+	+	+	+
Alveolus, Hyperplasia																					2		3					2			
Degeneration				2											4		2	4	1					3					4		
Duct, Dilatation					3																										
Lactation													2												2						
Skin	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis											4																				
Cyst Epithelial Inclusion																															
Epidermis, Hyperplasia									2																						
Hyperkeratosis									2																						
Inflammation, Chronic											3																				
Inflammation, Chronic Active										2										3											
Inflammation, Suppurative							4				4		4	4	4							4	4	4	4	4	3		4		4
Necrosis																															
Musculoskeletal System																															
Bone										+																					
Bone, Femur	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle				+																											

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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
F3 500PPM TO CTL

DAY ON TEST	005 0	007 9	005 8	005 9	005 32	005 54	006 01	006 24	006 29	006 26	006 38	006 41	006 79	007 13	007 51	007 51	007 51	007 51	007 52	007 51	007 51	007 51	007 51	007 51	007 51	007 54	007 54	007 54	007 54	007 54	007 54
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Nervous System																															
Brain, Brain Stem	+	+	A	+	+	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis					4																										
Compression					2								1												1						
Brain, Cerebellum	+	+	A	+	A	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	A	+	A	A	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																															
Respiratory System																															
Lung	+	+	+	+	A	+	+		A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																															
Artery, Mineralization						1															2									1	
Autolysis						2																									
Congestion		3																													
Hemorrhage																						4									
Infiltration Cellular, Histiocyte															1				1	2		4	2	2			1	2	2	1	1
Inflammation, Chronic																															
Metaplasia, Osseous														1																	
Nose	+	+	+	+	A	A	+		A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body													X																		
Hyperkeratosis																													2		
Inflammation, Chronic																													1		
Inflammation, Suppurative							4						3					1													

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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
F3 500PPM TO CTL

DAY ON TEST	005 0	007 9	050 8	052 9	053 2	055 4	060 1	062 4	062 9	062 6	063 8	064 1	067 9	071 3	075 1	075 1	075 1	075 1	075 2	075 1	075 1	075 1	075 1	075 1	075 1	075 4	075 4	075 4	075 4	075 4	075 4
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Trachea	+	+	+	+	A	A	A		A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+												+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis																													4		
Bilateral, Retina, Atrophy													1		1	1	2		2		2		2			2				2	
Inflammation, Suppurative														4																	
Retina, Atrophy																				2				2							
Harderian Gland	+												+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration													2							1											
Infiltration Cellular, Lymphocyte													1																		
Inflammation, Suppurative														4																	
Pigmentation																				4											
Lacrimal Gland											+																				
Ectopic Harderian											X																				
Urinary System																															
Kidney	+	+	+	+	A	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Autolysis						4					3																				
Cortex, Cyst										X	X			X				X			X	X		X	X	X	X				
Hyperplasia, Tubular																						2									
Infiltration Cellular, Lymphocyte																															1
Nephropathy, Chronic				2		3	2			1		1		2	1	2	1	1	1	1	2	3	1	1	3	4	2	2	1	1	
Pelvis, Hyperplasia																		1			2									1	

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

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0050	0079	0508	0529	0532	0554	0601	0624	0629	0626	0638	0641	0679	0713	0751	0751	0751	0751	0752	0751	0751	0751	0751	0751	0751	0754	0754	0754	0754	0754	0754
ANIMAL ID	00017	00019	00154	00189	00190	00209	00285	00323	00336	00347	00356	00374	00435	00933	00986	00987	00988	00989	01007	01008	01009	01010	01011	01012	01013	01057	01058	01059	01060	01061	01069
Pelvis, Mineralization																					2										
Urethra																						+									
Urinary Bladder	+	+	+	+	A	+	+		A	+	+	+	+	+	+	M	+	+	+	+	+	+		+	+	+	+	+	+	+	+
Dilatation																									4						
Hemorrhage																								1							
Transit Epithe, Hypertrophy																								2							

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

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 52	07 53		
ANIMAL ID	0110 82	0110 84	0110 85	0111 01	0111 02	0111 48	0111 49	0111 50	0111 51	0111 52	0111 53	0111 87	0111 88	0111 89	0111 90	0111 91	0111 92	0111 93	0112 10	*TOTALS		
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hyperkeratosis																					1	2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Autolysis																					1	3.0
Inflammation, Suppurative																					1	4.0
Lymphatic, Ectasia																					1	4.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	38		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Cyst		X																			1	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	41		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Angiectasis																					2	2.0
Autolysis																					1	3.0
Basophilic Focus									X												1	
Basophilic Focus, Multiple										X											1	
Bile Duct, Dilatation																4					1	4.0
Bile Duct, Hyperplasia	1	1	1		2		1	1	1			1	1				1				22	1.2
Biliar Tract, Cyst				X																	1	
Biliar Tract, Fibrosis	1				2								1			1		1			10	1.1

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

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 53	07 52	07 53		
ANIMAL ID	0108 2	0108 4	0108 5	0110 1	0110 2	0111 48	0111 49	0111 50	0111 51	0111 52	0111 53	0111 87	0111 88	0111 89	0111 90	0111 91	0111 92	0111 93	0121 10	*TOTALS	
Capsule, Hyperplasia															1					1	1.0
Congestion																				1	3.0
Degeneration, Cystic									1	1									2	6	1.8
Eosinophilic Focus, Multiple									X											1	
Fibrosis																				1	4.0
Infiltration Cellular, Lymphocyte		1										1		1					1	5	1.0
Inflammation, Chronic Active	1					1											1			9	1.4
Necrosis																				5	1.4
Tension Lipidosis				3																4	2.5
Vacuolization Cytoplasmic																				1	3.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Acinar Cell, Degeneration	2	1		2	3	1	3	1	2	1	4	3	2	1		4	3	3	1	35	2.2
Autolysis																				2	2.5
Infiltration Cellular, Lymphocyte																				2	1.5
Inflammation, Chronic Active																	2			1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinar Cell, Degeneration											2									1	2.0
Hypertrophy																				1	4.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Keratin Cyst																X				1	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Cardiovascular System																					

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1-4 ..Lesion qualified as:
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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 52	07 53		
ANIMAL ID	0110 82	0110 84	0110 85	0111 01	0111 02	0111 48	0111 49	0111 50	0111 51	0111 52	0111 53	0111 87	0111 88	0111 89	0111 90	0111 91	0111 92	0111 93	0112 10	*TOTALS		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Cardiomyopathy		1	1				1	1		1			1		1	1				22	1.2	
Pericardium, Hyperplasia									1											1	1.0	
Endocrine System																						
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Accessory Adrenal Cortical Nodule																				2		
Angiectasis							2													4	2.5	
Degeneration, Cystic															1					4	2.5	
Hyperplasia								2						1						3	1.7	
Hypertrophy										3		2								2	2.5	
Pigmentation																				1	2.0	
Vacuolization Cytoplasmic	1	2	1	2	2		1	2	1	1		1	1			1	1			25	1.4	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Bilateral, Hyperplasia																				1	2.0	
Hyperplasia	1		3												1				2	6	1.7	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Hyperplasia		1				1	2	1	2		1	1	3	3	1		1	1		27	1.5	
Parathyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	43		
Bilateral, Hyperplasia																				2	2.0	
Hyperplasia	1	2	2		1						2									6	1.7	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		

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

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 52	07 53		
ANIMAL ID	0108 2	0108 4	0108 5	0111 0 1	0111 02	0111 48	0111 49	0111 50	0111 51	0111 52	0111 53	0111 87	0111 88	0111 89	0111 90	0111 91	0111 92	0111 93	0121 10	*TOTALS		
Pars Distalis, Cyst		X			X	X												X	X	6		
Pars Distalis, Cyst, Multiple																				1		
Pars Distalis, Hyperplasia	1							2						2		1				12	1.6	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
C Cell, Hyperplasia					1					2										7	1.6	
Cyst, Squamous		X					X						X							4		
General Body System																						
Tissue NOS																				2		
Genital System																						
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Atrophy						2														6	2.3	
Developmental Malformation																				1		
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy																				1	3.0	
Degeneration	2				2															4	2.3	
Hyperplasia																				1	2.0	
Hypospermia	4				4															5	3.4	
Infiltration Cellular, Lymphocyte	1																1			3	1.0	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Autolysis																				2	3.0	
Duct, Dilatation						3		4					4			4				9	3.3	
Infiltration Cellular, Lymphocyte		2	1									1						1	2	9	1.6	

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M ..Missing tissue
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2) Mild 4) Marked

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0754	0754	0754	0755	0755	0755	0755	0755	0755	0755	0754	0755	0755	0755	0755	0755	0755	0753	0752	0753		
ANIMAL ID	01082	01084	01085	01101	01102	01148	01149	01150	01151	01152	01153	01187	01188	01189	01190	01191	01192	01193	01210	*TOTALS		
Inflammation, Suppurative						4	4	4	4	1			3		4	4	4			26	3.1	
Parenchym Cell, Degeneration		1				3	4									3	1		1	16	2.1	
Prostate																				4		
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Atrophy																				1	2.0	
Autolysis																				2	2.5	
Degeneration			2																	3	1.7	
Infiltration Cellular, Lymphocyte																				2	1.0	
Inflammation, Suppurative	2		1	2	2	2	2	2	1	2	2	1	1		1	1	3	1	1	34	1.6	
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy																				1	2.0	
Degeneration		2		2			3				4							2		11	2.3	
Hyperplasia		1		2																11	1.7	
Infiltration Cellular, Lymphocyte					1			1				1							1	8	1.3	
Inflammation, Chronic							4													1	4.0	
Inflammation, Suppurative											2									7	1.3	
Mineralization																				1	2.0	
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41		
Dilatation							2													4	1.8	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Atrophy						2	2													8	2.4	
Dilatation						2														1	2.0	
Inflammation, Suppurative										1										1	1.0	

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

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0754	0754	0754	0755	0755	0755	0755	0755	0755	0755	0754	0755	0755	0755	0755	0755	0755	0753	0752	0753		
ANIMAL ID	01082	01084	01085	01101	01102	01148	01149	01150	01151	01152	01153	01187	01188	01189	01190	01191	01192	01193	01210	*TOTALS		
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Artery, Mineralization																					1	2.0
Autolysis																					2	2.5
Hemorrhage																					1	3.0
Polyarteritis							2														1	2.0
Seminif Tub, Degeneration	4	2	1	1	4	1	2	1		1		1		1	3	1	1	1	1		31	1.8
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Autolysis																					1	4.0
Depletion Cellular																					1	4.0
Erythroid Cell, Hyperplasia																			2		3	2.3
Hypocellularity		3																			2	3.0
Myeloid Cell, Hyperplasia				2					4										2		4	2.8
Lymph Node			+	+	+	+									+			+		12		
Lumbar, Degeneration, Cystic			4	4																	5	3.4
Lumbar, Hyperplasia, Lymphoid															3						3	2.7
Lumbar, Infiltration Cellular, Plasma Cell															3			4			5	3.6
Mediastinal, Hemorrhage						2															1	2.0
Mediastinal, Pigmentation						2															1	2.0
Renal, Degeneration, Cystic					2										4						3	3.3
Renal, Infiltration Cellular, Plasma Cell															3						3	3.7
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		

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1-4 ..Lesion qualified as:
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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 52	07 53		
ANIMAL ID	0108 2	0108 4	0108 5	0111 0 1	0111 02	0111 48	0111 49	0111 50	0111 51	0111 52	0111 53	0111 87	0111 88	0111 89	0111 90	0111 91	0111 92	0111 93	0121 10	*TOTALS		
Autolysis																					2	3.5
Degeneration, Cystic	2				2									2							7	2.6
Depletion Lymphoid																					1	4.0
Hyperplasia, Lymphoid		2	2		2	3	3	2	2		2			2	2		2	4			21	2.3
Infiltration Cellular, Plasma Cell	2	2	2	2		3	4	3		2	3	4	3	3	3		2	4	3		36	2.8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Autolysis																					1	3.0
Hyperplasia, Lymphoid		2			2					2			1			2	2				10	1.9
Infiltration Cellular, Mast Cell		2																			2	2.0
Infiltration Cellular, Plasma Cell																			3		3	2.7
Inflammation, Granulomatous		1				2	2	1				1	2			2	3	1	2		25	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Autolysis																					2	3.5
Capsule, Fibrosis																					1	2.0
Depletion Lymphoid																					2	3.5
Hematopoietic Cell Proliferation										2									2		9	2.0
Hyperplasia, Lymphoid	1		2				2														3	1.7
Hyperplasia, Stromal						1				2											2	1.5
Necrosis																					1	4.0
Pigmentation	1	2		1		1		2			4	3									17	2.1
Thymus	+	+	+	+	M	+	+	M	+	+	+	+	I	+	+	+	+	+	I	44		
Atrophy	4	4	4	4		4	4		4	4	4	4		4	4	4	4	3			41	3.9
Autolysis																					1	3.0

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1) Minimal 3) Moderate
I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild 4) Marked

CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0754	0754	0754	0755	0755	0755	0755	0755	0755	0755	0754	0755	0755	0755	0755	0755	0755	0753	0752	0753		
ANIMAL ID	01082	01084	01085	01101	01102	01148	01149	01150	01151	01152	01153	01187	01188	01189	01190	01191	01192	01193	01210	*TOTALS		
Depletion Lymphoid																				1	4.0	
Polyarteritis																	3			1	3.0	
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41		
Alveolus, Hyperplasia					1												2	2		6	2.0	
Degeneration	4		4				4	4	2											12	3.2	
Duct, Dilatation																				1	3.0	
Lactation											2	2								4	2.0	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Angiectasis																				1	4.0	
Cyst Epithelial Inclusion																		X		1		
Epidermis, Hyperplasia					3															2	2.5	
Hyperkeratosis					2															2	2.0	
Inflammation, Chronic											1				2					3	2.0	
Inflammation, Chronic Active		1																		3	2.0	
Inflammation, Suppurative			4			3	4						4		4	3	4	4		21	3.9	
Necrosis							2													1	2.0	
Musculoskeletal System																						
Bone																				1		
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Skeletal Muscle																				1		

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0754	0754	0754	0755	0755	0755	0755	0755	0755	0755	0754	0755	0755	0755	0755	0755	0755	0753	0752	0753		
ANIMAL ID	01082	01084	01085	01101	01102	01148	01149	01150	01151	01152	01153	01187	01188	01189	01190	01191	01192	01193	01210	*TOTALS		
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Autolysis																					1	4.0
Compression											2										4	1.5
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Hydrocephalus												2									1	2.0
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Alveolar Epith, Hyperplasia										3											1	3.0
Artery, Mineralization							1				1					1					6	1.2
Autolysis																					1	2.0
Congestion																					1	3.0
Hemorrhage																					1	4.0
Infiltration Cellular, Histiocyte	1			2			1								1			1	2		17	1.6
Inflammation, Chronic										2											1	2.0
Metaplasia, Osseous																			1		2	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Foreign Body																					1	
Hyperkeratosis																					1	2.0
Inflammation, Chronic					2																2	1.5
Inflammation, Suppurative																					3	2.7

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0754	0754	0754	0755	0755	0755	0755	0755	0755	0755	0754	0755	0755	0755	0755	0755	0755	0753	0752	0753		
ANIMAL ID	01082	01084	01085	01101	01102	01148	01149	01150	01151	01152	01153	01187	01188	01189	01190	01191	01192	01193	01210	*TOTALS		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44		
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39		
Autolysis																				1	4.0	
Bilateral, Retina, Atrophy					2												2	1		12	1.7	
Inflammation, Suppurative																				1	4.0	
Retina, Atrophy																				2	2.0	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39		
Degeneration																			2	3	1.7	
Infiltration Cellular, Lymphocyte			1		1	1		1				1							1	7	1.0	
Inflammation, Suppurative																				1	4.0	
Pigmentation																				1	4.0	
Lacrimal Gland																				1		
Ectopic Harderian																				1		
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Autolysis																				2	3.5	
Cortex, Cyst	X		X	X	X			X			X		X	X	X		X		X	21		
Hyperplasia, Tubular																				1	2.0	
Infiltration Cellular, Lymphocyte																		1		2	1.0	
Nephropathy, Chronic	1	1	2	1	1	1	1	3	1	1	1	1	1	2		2	1		1	39	1.5	
Pelvis, Hyperplasia								2			1									5	1.4	

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CD Rat Male
F3 500PPM TO CTL

DAY ON TEST	0754	0754	0754	0755	0755	0755	0755	0755	0755	0755	0754	0755	0755	0755	0755	0755	0755	0753	0752	0753	
ANIMAL ID	0108 2	0108 4	0108 5	0110 1	0110 2	0111 4 8	0111 4 9	0111 5 0	0111 5 1	0111 5 2	0111 5 3	0111 8 7	0111 8 8	0111 8 9	0111 9 0	0111 9 1	0111 9 2	0111 9 3	0121 0	*TOTALS	
Pelvis, Mineralization											1									2	1.5
Urethra																				1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Dilatation													4					4		3	4.0
Hemorrhage																				1	1.0
Transit Epithe, Hypertrophy																				1	2.0

END OF MALE DATA

CD Rat Female
F1 0 PPM

DAY ON TEST	02 24	03 31	03 67	04 25	04 36	05 14	05 14	05 83	06 07	06 25	06 22	06 28	06 26	06 26	06 26	06 46	06 48	06 56	06 54	06 69	06 98	06 98	06 98	07 10	07 15	07 17	07 23	07 31	07 37	07 37	07 37
ANIMAL ID	00040	00058	00066	00098	00101	00127	00128	00198	00224	00242	00243	00245	00246	00247	00248	00283	00287	00298	00300	00325	00378	00380	00383	00417	00420	00422	00429	00453	00481	00488	00490
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum																								+		+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																			X												
Bile Duct, Hyperplasia									1	1												1		2			1	2	1		
Biliar Tract, Fibrosis													1																		1
Clear Cell Focus				X																											
Degeneration, Cystic																															
Hematopoietic Cell Proliferation	1					2	1																			1					
Hepatodiaphragmatic Nodule																										X					
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active								1					1																	1	
Necrosis																															
Polyarteritis	1																														
Tension Lipidosis																															2
Vacuolization Cytoplasmic								1	1								1						2								

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CD Rat Female
F1 0 PPM

DAY ON TEST	02 24	03 31	03 67	04 25	04 36	05 14	05 14	05 83	06 07	06 25	06 22	06 28	06 26	06 26	06 26	06 46	06 48	06 56	06 54	06 69	06 98	06 98	06 98	07 10	07 15	07 17	07 23	07 31	07 37	07 37	07 37
ANIMAL ID	00040	00058	00066	00098	00101	00127	00128	00198	00224	00242	00243	00245	00246	00247	00248	00283	00287	00298	00300	00325	00378	00380	00383	00417	00420	00422	00429	00453	00481	00488	00490
Mesentery																															
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			1			1						1	1		1		1	1				4						2	2	1	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																									2						
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia								2																		2					
Ulcer																									2						
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy								1	1			1	1			1	1		1	1	2					1	1		1		1
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis								1																1							
Degeneration, Cystic			1	2		2	4		2	4	2		1	3		4	3	2	1	2	3	2			1	2	2	2	1	2	2
Hematopoietic Cell Proliferation						2																									
Hyperplasia									2					1	2													2			1
Hypertrophy										2	1			2	1	2		2			1				2	2			2	1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																						1									

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CD Rat Female
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DAY ON TEST	02 24	03 31	03 67	04 25	04 36	05 14	05 14	05 83	06 07	06 25	06 22	06 28	06 26	06 26	06 26	06 46	06 48	06 56	06 54	06 69	06 98	06 98	06 98	07 10	07 15	07 17	07 23	07 31	07 37	07 37	07 37
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Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Diffuse																															
Hyperplasia, Focal																	1				1										
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis															3																
Cyst																												X			
Pars Distalis, Hyperplasia			2									2			3														2		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia										1																					
Cyst, Squamous																2		1								1					
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Duct, Dilatation								3		3							4							3							3
Hyperplasia																					1										
Inflammation								3			1		1		3		2	2		2			3	2	3	1		2	1	1	2
Parenchym Cell, Degeneration					1			3								2	4								3						
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							3		3	3	2	3		3		3	2	2	2	2	2	2		4		3	2		3		
Cyst																X				X				X	X						

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CD Rat Female
F1 0 PPM

DAY ON TEST	02 24	03 31	03 67	04 25	04 36	05 14	05 14	05 83	06 07	06 25	06 22	06 28	06 26	06 26	06 26	06 46	06 48	06 56	06 54	06 69	06 98	06 98	06 98	07 10	07 15	07 17	07 23	07 31	07 37	07 37	07 37
ANIMAL ID	00040	00058	00066	00098	00101	00127	00128	00198	00224	00242	00243	00245	00246	00247	00248	00283	00287	00298	00300	00325	00378	00380	00383	00417	00420	00422	00429	00453	00481	00488	00490
Hyperplasia, Stromal						1	1	2		2	2					1		4	1		1		1		1		2	2	3		
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cervix, Muscularis, Hypertrophy																															
Hyperplasia, Cystic												3						1	2								2		2		
Inflammation																										2					
Metaplasia																											3		1		
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation								1													2			1							
Keratin Cyst			2																										2		
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																3	3														
Lymph Node					+																+			+	+		+	+			
Inguinal, Infiltration Cellular, Plasma Cell																								3							
Lumbar, Degeneration, Cystic																								2							
Lumbar, Hyperplasia, Lymphoid																					1										
Lumbar, Infiltration Cellular, Plasma Cell																								2				2			
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Degeneration, Cystic																															
Hemorrhage				2																											
Infiltration Cellular, Plasma Cell	3		2			2		1	2	1	1	2		2	2	2	2	2	2	1	3	1		2				2	3		1

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CD Rat Female
F1 0 PPM

DAY ON TEST	02 24	03 31	03 67	04 25	04 36	05 14	05 14	05 83	06 07	06 25	06 22	06 28	06 26	06 26	06 26	06 46	06 48	06 56	06 54	06 69	06 98	06 98	06 98	07 10	07 15	07 17	07 23	07 31	07 37	07 37	07 37
ANIMAL ID	00040	00058	00066	00098	00101	00127	00128	00198	00224	00242	00243	00245	00246	00247	00248	00283	00287	00298	00300	00325	00378	00380	00383	00417	00420	00422	00429	00453	00481	00488	00490
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Granulomatous		2	1			2	1	2	1	1	1	2	1	2	2	2	2		2	1	2	1	1	1		1	2	2	1	1	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	3		3			3	3			2			2	1					3							3		2			1
Lymphocyte, Atrophy																															
Pigmentation				2				2	2		1					3	3	3								2	2		2	3	1
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Atrophy							1	2								2				1	1					1			2		
Cyst									1	1												1					1				
Epithel Cell, Hyperplasia																													2		
Hemorrhage				2																											
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia								3					2							3	1			1							1
Atypical Focus												X					X					X		X		X					
Galactocele																				3											
Lactation			2						3	1		2		1		2	2			2	1	1		2		2	1				1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foot, Inflammation, Chronic							1							1		1	2	3		1	4	3	3	3	3		1	3		3	3
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperostosis					2																										

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CD Rat Female
F1 0 PPM

DAY ON TEST	224	231	367	425	436	514	514	583	607	625	622	628	626	626	626	646	648	656	654	669	698	698	698	710	715	717	723	731	737	737	737
ANIMAL ID	00040	00058	00066	00098	00101	00127	00128	00198	00224	00242	00243	00245	00246	00247	00248	00283	00287	00298	00300	00325	00378	00380	00383	00417	00420	00422	00429	00453	00481	00488	00490
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression								3		2				2		2	3	3			2	1		2			3				
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus								2												2											
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte								1											2			1	2	1						1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nasolacrim Dct, Inflammation						2		1	1	2	2						2	1													
Upper Molar, Inflammation																								X							
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye											+				+									+		+	+	+	+	+	+
Bilateral, Retina, Degeneration																														3	
Lens, Unilateral, Cataract											4																				
Retina, Degeneration																															
Retina, Unilateral, Degeneration											3																				
Harderian Gland																								+		+	+	+	+	+	+
Epithelium, Degeneration																								1							

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CD Rat Female
F1 0 PPM

DAY ON TEST	02 24	03 31	03 67	04 25	04 36	05 14	05 14	05 83	06 07	06 25	06 22	06 28	06 26	06 26	06 26	06 46	06 48	06 56	06 54	06 69	06 98	06 98	06 98	07 10	07 15	07 17	07 23	07 31	07 37	07 37	07 37
ANIMAL ID	00040	00058	00066	00098	00101	00127	00128	00198	00224	00242	00243	00245	00246	00247	00248	00283	00287	00298	00300	00325	00378	00380	00383	00417	00420	00422	00429	00453	00481	00488	00490
Hypertrophy																								1							
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet					3																				3						
Cyst				X						X									X			X						X		X
Epithelium, Pelvis, Hyperplasia																															
Hydronephrosis																															
Infarct																															
Inflammation																															
Nephropathy								2		1							1			2	1	1				1					
Pelvis, Mineralization				1						1			1			2		1	1		2								1	1	
Renal Tubule, Mineralization	2	1	2	1	2	1	1			2	2	1	2	1	2		2		2	1	1	2		2		1		2	1		2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 0 PPM

DAY ON TEST	07 38	07 39	07 38	07 38	07 40	07 40	07 40	07 43	07 43	07 43	07 44	07 44	07 46	07 46	07 45	07 48	07 48	07 48	07 48	07 48	07 52	07 52	07 48		
ANIMAL ID	00527	00550	00552	00559	00611	00612	00613	00646	00647	00690	00710	00723	00746	00756	00759	00819	00820	00836	00868	00870	00910	00911	00917	*TOTALS	
Alimentary System																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	30	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54	
Basophilic Focus		X	X								X													4	
Bile Duct, Hyperplasia			1	1	1	1		1	1	2	2	1		1	1			1	1	2			2	22	1.3
Biliar Tract, Fibrosis																					1	2		4	1.3
Clear Cell Focus																								1	
Degeneration, Cystic																						1		1	1.0
Hematopoietic Cell Proliferation		1						1																6	1.2
Hepatodiaphragmatic Nodule																								1	
Infiltration Cellular, Lymphocyte				1																1				2	1.0
Inflammation, Chronic Active										1														4	1.0
Necrosis															1									1	1.0
Polyarteritis																								1	1.0
Tension Lipidosis																								1	2.0
Vacuolization Cytoplasmic										1														5	1.2

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CD Rat Female
F1 0 PPM

DAY ON TEST	07 38	07 39	07 38	07 38	07 40	07 40	07 40	07 43	07 43	07 43	07 44	07 44	07 46	07 46	07 45	07 48	07 48	07 48	07 48	07 48	07 52	07 52	07 48			
ANIMAL ID	00527	00550	00552	00559	00611	00612	00613	00646	00647	00690	00710	00723	00746	00756	00759	00819	00820	00836	00868	00870	00910	00911	00917	*TOTALS		
Mesentery																					+			1		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Acinar Cell, Degeneration		2			1	2		1		1	1	2			1	2						1			21	1.4
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Atrophy																									1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Hyperplasia																				1					3	1.7
Ulcer																									1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Cardiovascular System																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Cardiomyopathy	1	1		1	1	1		1		1		1	1					1		1	1	1			26	1.0
Endocrine System																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Angiectasis															1										3	1.0
Degeneration, Cystic	1	1	2	2	2	1	3	2	1	1	2	3	3	2		1	1	2	2	1	2	2	1		45	2.0
Hematopoietic Cell Proliferation																									1	2.0
Hyperplasia	1	1											1	1								1	1		11	1.3
Hypertrophy			2				2							3								3			16	1.8
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Hyperplasia, Focal									1											2					3	1.3

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CD Rat Female
F1 0 PPM

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ANIMAL ID	00 05 27	00 05 50	00 05 52	00 05 59	00 06 11	00 06 12	00 06 13	00 06 46	00 06 47	00 06 90	00 07 10	00 07 23	00 07 46	00 07 56	00 07 59	00 08 19	00 08 20	00 08 36	00 08 68	00 08 70	00 09 10	00 09 11	00 09 17	*TOTALS		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Parathyroid Gland	M	+	+	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	46		
Hyperplasia, Diffuse		2																							1	2.0
Hyperplasia, Focal																									2	1.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Angiectasis																									1	3.0
Cyst																									1	
Pars Distalis, Hyperplasia							2																		5	2.2
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
C Cell, Hyperplasia														1						1					3	1.0
Cyst, Squamous																	1						1		5	1.2
General Body System																										
NONE																										
Genital System																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51		
Duct, Dilatation				2																2					7	2.9
Hyperplasia			2																						2	1.5
Inflammation				2	4		2	1	3		1	1	1		1	2	2	3	1	3	3	1	1		32	1.9
Parenchym Cell, Degeneration																									5	2.6
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Atrophy	3		3	4	2	3	3	1				2	3	3	3	1	1	2		3		2	3		34	2.5
Cyst								X	X					X			X	X	X			X			11	

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CD Rat Female
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Hyperplasia, Stromal	2	1		1				3		2		2	3		1			2	2		1			25	1.8	
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Cervix, Muscularis, Hypertrophy																					X			1		
Hyperplasia, Cystic	2		1	1	2	2	3					2		1	1			2				2		16	1.8	
Inflammation																								1	2.0	
Metaplasia												2	1											4	1.8	
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Inflammation									2															4	1.5	
Keratin Cyst																								2	2.0	
Hematopoietic System																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Hypocellularity																								2	3.0	
Lymph Node								+	+			+	+									+		11		
Inguinal, Infiltration Cellular, Plasma Cell																								1	3.0	
Lumbar, Degeneration, Cystic									4				2									3		4	2.8	
Lumbar, Hyperplasia, Lymphoid																								1	1.0	
Lumbar, Infiltration Cellular, Plasma Cell								2				3	2									2		6	2.2	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Degeneration, Cystic									1															1	1.0	
Hemorrhage																								1	2.0	
Infiltration Cellular, Plasma Cell	2		1	2	1	2	1	2	2	3	2	2	2		2	2	1	2	2	1	1	2		41	1.8	

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CD Rat Female
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Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Inflammation, Granulomatous	2	1	2			1	1	1	1	2	2	1	2	1	2	2	1	1		2		2	2		44	1.5
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Hematopoietic Cell Proliferation							1	1	2								1								15	2.1
Lymphocyte, Atrophy																	1								1	1.0
Pigmentation	2	2	2	2	2	3	1				1		1	2	3	3	2	1	2	1	2	1	1		31	1.9
Thymus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	50		
Atrophy								1					1												9	1.3
Cyst	2	2		2			1			1	1			2	1		1	2		1					15	1.3
Epithel Cell, Hyperplasia																									1	2.0
Hemorrhage																									1	2.0
Integumentary System																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Alveolus, Hyperplasia	1								3	1	1	1		1			1								13	1.5
Atypical Focus						X	X					X	X			X		X	X				X		13	
Galactocele					1															3					3	2.3
Lactation	2		1	1	1	1			2			2	2	1	2		2	1	1		2	1	2		30	1.6
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Foot, Inflammation, Chronic	3	1	2	1	2	3	3	3	4	3	2	3	3		2	2	3	3	2	2	2	3			36	2.4
Musculoskeletal System																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Hyperostosis																									1	2.0

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Nervous System																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Compression	2		2	1	2									1	1			1	2			2			19	1.9
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	53		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Hydrocephalus																									2	2.0
Respiratory System																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Infiltration Cellular, Histiocyte	1			2		2																			9	1.4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Nasolacrim Dct, Inflammation																									7	1.6
Upper Molar, Inflammation																									1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54		
Special Senses System																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	32		
Bilateral, Retina, Degeneration											2			3											3	2.7
Lens, Unilateral, Cataract																									1	4.0
Retina, Degeneration								2											1						2	1.5
Retina, Unilateral, Degeneration																									1	3.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	30		
Epithelium, Degeneration			1						1							1				1	1				6	1.0

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CD Rat Female
F1 0 PPM

DAY ON TEST	07 38	07 39	07 38	07 38	07 40	07 40	07 40	07 43	07 43	07 43	07 44	07 44	07 46	07 46	07 45	07 48	07 48	07 48	07 48	07 48	07 52	07 52	07 48		
ANIMAL ID	00 05 27	00 05 50	00 05 52	00 05 59	00 06 11	00 06 12	00 06 13	00 06 46	00 06 47	00 06 90	00 07 10	00 07 23	00 07 46	00 07 56	00 07 59	00 08 19	00 08 20	00 08 36	00 08 68	00 08 70	00 09 10	00 09 11	00 09 17	*TOTALS	
Hypertrophy			2		1																			3	1.3
Urinary System																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54	
Accumulation, Hyaline Droplet																								2	3.0
Cyst	X		X			X	X				X	X			X							X		14	
Epithelium, Pelvis, Hyperplasia															2									1	2.0
Hydronephrosis	2														2									2	2.0
Infarct														1										1	1.0
Inflammation						1			1															2	1.0
Nephropathy	1			1						1			1					1		1				13	1.2
Pelvis, Mineralization			1		1	1				1						1		2	1					16	1.2
Renal Tubule, Mineralization	2		2		1	1	1	1	1	1	1	2		1	2				2		2	2		38	1.5
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	54	

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CD Rat Female
F1 5PPM

DAY ON TEST	011	052	055	056	056	057	059	060	062	062	062	062	063	064	065	066	066	066	068	068	070	071	071	071	071	073	073	073	073	073	073	073	073	074
	1	8	1	0	7	8	7	5	0	8	5	8	1	0	6	7	0	6	1	6	8	0	0	6	0	7	3	6	7	4	7	7	9	8	0
ANIMAL ID	00018	00134	00153	00163	00178	00194	00211	00220	00237	00244	00250	00268	00280	00306	00334	00354	00360	00395	00397	00406	00421	00444	00485	00486	00487	00499	00532	00533	00543	00547	00606
Alimentary System																																			
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum																		+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																											1								
Basophilic Focus											X						X							X		X								
Bile Duct, Hyperplasia														1				1	1	2		1					1	2						
Biliar Tract, Fibrosis																									2									
Congestion	2																																		
Developmental Malformation																				X														
Eosinophilic Focus																				X									X				X
Hematopoietic Cell Proliferation													1																					
Hepatodiaphragmatic Nodule										X																								
Inflammation, Chronic Active		1																																
Mixed Cell Focus																											X							
Necrosis																										1								1
Tension Lipidosis																								2										

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	1	8	1	0	7	8	7	5	0	8	5	1	0	6	0	1	6	8	0	0	6	0	7	6	7	4	7	7	9	0
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Vacuolization Cytoplasmic															2													1			
Vacuolization Cytoplasmic, Focal											X																X				
Mesentery					+																		+								
Fat, Necrosis																							2								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			2									1		2					3	1											2
Acinar Cell, Hyperplasia																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																			1												
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																	4														
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium Rgt, Dilatation	3																														
Cardiomyopathy		1		1	1			1			1		1		1		3		2	1	1		1	1	1			1	2		1
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																											1				
Atrophy												3																			
Degeneration, Cystic		2	1	1	2	1	1		2	3		1	2	2	2	2	1	1	2	1	2	2	2	2	1	2			3	1	1

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	11	28	51	60	67	78	97	05	20	28	25	31	40	56	70	81	86	08	10	10	16	30	37	36	37	34	37	37	39	38	40
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Hematopoietic Cell Proliferation			1																												
Hyperplasia		2							1						1						1		2			2	1				
Hypertrophy							2		1				1				1		2			3	2		2	2			4		1
Adrenal Medulla	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																															
Infiltration Cellular, Eosinophil			3																												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									1						
Parathyroid Gland	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal													2	2																	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																													X		
Pars Distalis, Hyperplasia		2	2								1																		1		2
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																															
Cyst, Squamous			1												1																
Follicular Cel, Atrophy								2										2													
Follicular Cel, Hyperplasia																															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 5PPM

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	1	8	1	0	7	8	7	5	0	8	5	1	1	0	6	0	1	6	8	0	0	6	0	7	6	7	4	7	3	8	0
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Duct, Dilatation					3				3			4								2							3		2	3		
Hyperplasia											1																				
Inflammation			2		2		1	2		2			2	3				2			2			1	2	2	2	3	3	1		1
Parenchym Cell, Degeneration												3						2						2								
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		3	2	3	2	3	1	2	2	2			2		1	2	3		3		3		3	3	1	3				3	
Cyst								X						X	X								X			X					X
Hyperplasia, Stromal					1			2						2	1		2		2				3	2			1		2	2	
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cervix, Muscularis, Hypertrophy																															
Hemorrhage																					1										
Hyperplasia, Cystic	2		1	2	3					1			2					1	2					3		2	1			1	
Metaplasia			2							2																				2	
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	2							2													2										
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																		3													
Lymph Node			+																+	+			+	+							+
Lumbar, Degeneration, Cystic																							2	2							
Lumbar, Hyperplasia, Lymphoid																			3												

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DAY ON TEST	011 1	052 8	055 1	056 0	056 7	057 8	059 7	060 5	062 0	062 8	062 5	063 1	064 0	065 6	067 0	068 1	068 6	070 8	071 0	071 0	071 6	073 0	073 7	073 6	073 7	073 4	073 7	073 7	073 9	073 8	074 0
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Lumbar, Infiltration Cellular, Plasma Cell																				2			2								1
Pancreatic, Infiltration Cellular, Plasma Cell																															1
Popliteal, Hyperplasia, Lymphoid																			3												
Popliteal, Infiltration Cellular, Plasma Cell																															3
Renal, Infiltration Cellular, Plasma Cell																				2											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																													3		
Infiltration Cellular, Plasma Cell		2	2	1	2	2	1		1		2	2	2	2	2	2		1	2	2	2	1	2	3		1	2	2	3	1	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Hyperplasia, Lymphoid																			3												
Inflammation, Granulomatous		1	2	2		2		1	2	2	2		3	1	1	2	1	1			1	2	1		1	1	2	2	2	2	1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation			2										3						1				2	3							
Lymphocyte, Atrophy				1			2																								
Pigmentation				3	2		3		1			1		2	2	1		1			2	1			1		2		2	3	1
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	M	M	M	+	+	+	+
Atrophy			1	2				2						2	2		2					2									
Cyst						2		3					2									1	1						1		
Epithel Cell, Hyperplasia																															
Hemorrhage																		2													
Integumentary System																															

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DAY ON TEST	011 11	052 28	055 51	056 60	056 67	057 78	059 97	060 05	062 20	062 28	062 25	063 31	064 40	065 56	067 70	068 81	068 86	070 08	071 10	071 10	071 16	073 30	073 37	073 36	073 37	073 34	073 37	073 37	073 39	073 38	074 40
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Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia							2										2								1	1			3		
Atypical Focus															X	X							X								
Galactocele																															
Lactation				1				1	1		1		1	1	2	2	2		2		3	1	1		2	1				1	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foot, Inflammation, Chronic					3			3					1		1	3		2	4	4			3	3	4	1	3	1		3	2
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle			+																												
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression				2	4	3	2	2	1	1		2	2		3	1		1	1		1									1	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																														2	
Hemorrhage																															
Infiltration Cellular, Histiocyte	2	1											1	1		1		1	2	2			2		2				1	4	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	1	8	1	0	7	8	7	5	0	8	5	1	0	6	0	1	6	8	8	0	0	6	0	7	6	7	4	7	7	9	8	0
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Nasolacrim Dct, Inflammation		2			2		1																								
Upper Molar, Inflammation																															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye																		+	+		+	+	+	+	+	+	+	+	+	+
Bilateral, Lens, Cataract																						1									
Bilateral, Retina, Degeneration																													2		
Retina, Degeneration																															
Harderian Gland														+			+	+	+		+	+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration														1				1	1				1	2	1		2	2	1			
Hypertrophy																															
Lacrimal Gland																							+								
Metaplasia																							2								
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet			3																												
Cyst							X		X	X		X	X	X						X					X		X	X	X		
Infarct																							1								
Nephropathy								2					2		1		4		3										1		
Pelvis, Mineralization		1			1	2		1		2				1	2	1	2					1		1		2	1	2		1	
Renal Tubule, Mineralization	2		1	1	1		2	2		1		1	1	1	2	1	3	2	2	2		2	1	1	3						
Urinary Bladder	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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2) Mild 4) Marked

CD Rat Female
F1 5PPM

DAY ON TEST	01 11	05 28	05 51	05 60	05 67	05 78	05 97	06 05	06 20	06 28	06 25	06 31	06 40	06 56	06 70	06 81	06 86	07 08	07 10	07 10	07 16	07 30	07 37	07 36	07 37	07 34	07 37	07 37	07 39	07 38	07 40
ANIMAL ID	00018	00134	00153	00163	00178	00194	00211	00220	00237	00244	00250	00268	00280	00306	00334	00354	00360	00395	00397	00406	00421	00444	00485	00486	00487	00499	00532	00533	00543	00547	00606
Hyperplasia																										1					

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+ ..Tissue examined microscopically
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BLANK ..Not examined microscopically
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CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 43	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 52	07 52	07 52		
ANIMAL ID	00607	00608	00609	00610	00640	00642	00652	00663	00664	00701	00702	00721	00722	00744	00757	00758	00907	00908	00909	*TOTALS			
Alimentary System																							
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	32			
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49			
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49			
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Angiectasis																					1	1.0	
Basophilic Focus		X		X														X			7		
Bile Duct, Hyperplasia					2				1			1		1			1		2		13	1.3	
Biliar Tract, Fibrosis																					1	2.0	
Congestion																					1	2.0	
Developmental Malformation								X													2		
Eosinophilic Focus					X																4		
Hematopoietic Cell Proliferation																					1	1.0	
Hepatodiaphragmatic Nodule																					1		
Inflammation, Chronic Active		1		1																	3	1.0	
Mixed Cell Focus																					1		
Necrosis																					2	1.0	
Tension Lipidosis																					1	2.0	

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1-4 ..Lesion qualified as:
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CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 43	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 52	07 52	07 52	
ANIMAL ID	00 607	00 608	00 609	00 610	00 640	00 642	00 652	00 663	00 664	00 701	00 702	00 721	00 722	00 744	00 757	00 758	00 907	00 908	00 909	*TOTALS	
Vacuolization Cytoplasmic								2												3	1.7
Vacuolization Cytoplasmic, Focal																				2	
Mesentery																				2	
Fat, Necrosis																				1	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration	2	4	1		1				2		2					2				13	1.9
Acinar Cell, Hyperplasia												1								1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				1	1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mineralization																				1	4.0
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrium Rgt, Dilatation																				1	3.0
Cardiomyopathy	1	1	1	1	1		1	1			1			1		1	3	2	1	30	1.2
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																				1	1.0
Atrophy																				1	3.0
Degeneration, Cystic	1	3	1	2	3	1	2	2	1	2	1	1	2	3	2	2	4	2	1	45	1.8

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2) Mild 4) Marked

CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 43	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 52	07 52	07 52		
ANIMAL ID	00060 7	00060 8	00060 9	00061 0	00064 0	00064 2	00065 2	00066 3	00066 4	00070 1	00070 2	00072 1	00072 2	00074 4	00075 7	00075 8	00090 7	00090 8	00090 9	*TOTALS		
Hematopoietic Cell Proliferation																				1	1.0	
Hyperplasia	1			1				1	1	2	2		2	1			1	1	1	18	1.3	
Hypertrophy		2			4		3	3		4										16	2.3	
Adrenal Medulla	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	48		
Hyperplasia, Focal										2		1	1							3	1.3	
Infiltration Cellular, Eosinophil																				1	3.0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia																				1	1.0	
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	46		
Hyperplasia, Focal																				2	2.0	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst																		X		2		
Pars Distalis, Hyperplasia								1												6	1.5	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
C Cell, Hyperplasia														1						1	1.0	
Cyst, Squamous				2									1							4	1.3	
Follicular Cel, Atrophy																				2	2.0	
Follicular Cel, Hyperplasia								1												1	1.0	
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		

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CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 44	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 52	07 52	07 52		
ANIMAL ID	0006 07	0006 08	0006 09	0006 10	0006 40	0006 42	0006 52	0006 63	0006 64	0007 01	0007 02	0007 21	0007 22	0007 44	0007 57	0007 58	0009 07	0009 08	0009 09	*TOTALS		
Duct, Dilatation					2						2										9	2.7
Hyperplasia										2						2					3	1.7
Inflammation	1		2		1	1		2		1	2	1		2			2		3		28	1.8
Parenchym Cell, Degeneration																					3	2.3
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy	2		1	3	2		2			2		1			3	2	3	2	2		32	2.3
Cyst	X			X		X			X		X		X								12	
Hyperplasia, Stromal	3		1		1	1	1		2	1						1					19	1.6
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cervix, Muscularis, Hypertrophy						X															1	
Hemorrhage																					1	1.0
Hyperplasia, Cystic	1			3	2	1	3	2		1		1			1		1	1	3		24	1.7
Metaplasia																	1		2		5	1.8
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation																					3	2.0
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hypocellularity																					1	3.0
Lymph Node				+						+					+	M			+	10		
Lumbar, Degeneration, Cystic				2											1						4	1.8
Lumbar, Hyperplasia, Lymphoid																					1	3.0

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CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 43	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 52	07 52	07 52	
ANIMAL ID	00607	00608	00609	00610	00640	00642	00652	00663	00664	00701	00702	00721	00722	00744	00757	00758	00907	00908	00909	*TOTALS	
Lumbar, Infiltration Cellular, Plasma Cell				2						2					3					6	2.0
Pancreatic, Infiltration Cellular, Plasma Cell																				1	1.0
Popliteal, Hyperplasia, Lymphoid																				1	3.0
Popliteal, Infiltration Cellular, Plasma Cell																			1	2	2.0
Renal, Infiltration Cellular, Plasma Cell																				1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic																				1	3.0
Infiltration Cellular, Plasma Cell	2	2	2	2	3	1	2	2			2	2	2	1	2	2			1	40	1.8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic														2						1	2.0
Hyperplasia, Lymphoid	3																			2	3.0
Inflammation, Granulomatous	1	2	2	2	3	2	3	1	2	2	2	1	1	3		2	2	1	2	42	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation				1										1	2			1		9	1.8
Lymphocyte, Atrophy																				2	1.5
Pigmentation	2				2	2				1		1	1			1	2	1	2	26	1.7
Thymus	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Atrophy																				7	1.9
Cyst				1									1		2	2				10	1.6
Epithel Cell, Hyperplasia					1															1	1.0
Hemorrhage																				1	2.0

Integumentary System

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CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 44	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 52	07 52	07 52		
ANIMAL ID	00 06 07	00 06 08	00 06 09	00 06 10	00 06 40	00 06 42	00 06 52	00 06 63	00 06 64	00 07 01	00 07 02	00 07 21	00 07 22	00 07 44	00 07 57	00 07 58	00 09 07	00 09 08	00 09 09	*TOTALS		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Alveolus, Hyperplasia	1					1				1	1	2	1								11	1.5
Atypical Focus															X						4	
Galactocele				3																	1	3.0
Lactation	2			1	2	1	1		2	2	1	2	1		1	1	2	1	1		31	1.4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Foot, Inflammation, Chronic	4	2	3	3	1	3	3	3		3	3	1	2	3	3	3	3	3	3		34	2.6
Musculoskeletal System																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Skeletal Muscle																				1		
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Compression				2			2		2												18	1.8
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Alveolar Epith, Hyperplasia																					1	2.0
Hemorrhage		3																			1	3.0
Infiltration Cellular, Histiocyte							1			2	1			1					4		17	1.7
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

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CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 44	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 52	07 52	07 52		
ANIMAL ID	0006 07	0006 08	0006 09	0006 10	0006 40	0006 42	0006 52	0006 63	0006 64	0007 01	0007 02	0007 21	0007 22	0007 44	0007 57	0007 58	0009 07	0009 08	0009 09	*TOTALS		
Nasolacrim Dct, Inflammation					2					3	1					1				7	1.7	
Upper Molar, Inflammation								X												1		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	32		
Bilateral, Lens, Cataract																				1	1.0	
Bilateral, Retina, Degeneration				3	1															3	2.0	
Retina, Degeneration						2														1	2.0	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	34		
Epithelium, Degeneration	1		1	2		2	1			2	1	1	1	1				1		20	1.3	
Hypertrophy							1			1									1	3	1.0	
Lacrimal Gland																			1			
Metaplasia																				1	2.0	
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Accumulation, Hyaline Droplet																				1	3.0	
Cyst				X		X				X					X			X	X	17		
Infarct							1											1		3	1.0	
Nephropathy	1		1											1					1	10	1.7	
Pelvis, Mineralization						1	1	1						1					2	20	1.4	
Renal Tubule, Mineralization	2	1	1	2	1	1		1	1	2	3		1	1	2	1	2	3	2	37	1.6	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		

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CD Rat Female
F1 5PPM

DAY ON TEST	07 39	07 39	07 39	07 39	07 44	07 43	07 42	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 45	07 45	07 52	07 52	07 52	
ANIMAL ID	00607	00608	00609	00610	00640	00642	00652	00663	00664	00701	00702	00721	00722	00744	00757	00758	00907	00908	00909	*TOTALS	
Hyperplasia																				1	1.0

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CD Rat Female
F1 100PPM

DAY ON TEST	026 8	040 1	046 5	048 6	052 0	053 4	054 5	056 5	060 3	060 4	062 6	063 5	063 8	063 8	065 3	065 8	065 7	065 7	065 4	066 8	069 1	071 1	072 1	073 1	073 1	073 7	073 8	073 8	073 6	073 9	073 9
ANIMAL ID	00051	00091	00118	00124	00130	00136	00149	00175	00218	00221	00241	00273	00278	00281	00294	00303	00304	00305	00311	00332	00370	00418	00424	00445	00451	00489	00528	00531	00539	00544	00545
Alimentary System																															
Esophagus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum									+													+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Basophilic Focus												X																X			X
Bile Duct, Hyperplasia				1								1			2				1			1					1		1		2
Biliar Tract, Fibrosis										2																					
Cyst														X																	
Degeneration, Cystic																	1					1									
Developmental Malformation																															
Eosinophilic Focus											X																	X			
Hematopoietic Cell Proliferation		1												1																	
Infiltration Cellular, Lymphocyte																	1		1								1				
Inflammation, Chronic Active																				3				2							1
Vacuolization Cytoplasmic					2													1	1							1		1	1		
Mesentery														+																	

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CD Rat Female
F1 100PPM

DAY ON TEST	02 68	04 01	04 65	04 86	05 20	05 34	05 45	05 65	06 03	06 04	06 26	06 35	06 38	06 38	06 53	06 58	06 57	06 57	06 54	06 68	06 91	07 11	07 21	07 31	07 31	07 37	07 38	07 38	07 36	07 39	07 39
ANIMAL ID	00051	00091	00118	00124	00130	00136	00149	00175	00218	00221	00241	00273	00278	00281	00294	00303	00304	00305	00311	00332	00370	00418	00424	00445	00451	00489	00528	00531	00539	00544	00545
Fat, Necrosis														2																	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			1	1								1	2						1		2			1	1	1	3	2		3	2
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Submandibul Gl, Inflammation																			1												
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																															
Keratin Cyst																						X									
Ulcer																															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion					1																										
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																															
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		1					1				1	1	1	3				1	2		1					1		1		1	1
Mineralization																															
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis	2	2																													
Atrophy																															
Degeneration, Cystic				2	2	2		2	2	2	2	2	2	2	2	3	2	1	2	2	2	2	3	2	2	1	1	2	1	3	2

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CD Rat Female
F1 100PPM

DAY ON TEST	02 68	04 01	04 65	04 86	05 20	05 34	05 45	05 65	06 03	06 04	06 26	06 35	06 38	06 38	06 53	06 58	06 57	06 57	06 54	06 68	06 91	07 11	07 21	07 31	07 31	07 37	07 38	07 38	07 36	07 39	07 39
ANIMAL ID	00051	00091	00118	00124	00130	00136	00149	00175	00218	00221	00241	00273	00278	00281	00294	00303	00304	00305	00311	00332	00370	00418	00424	00445	00451	00489	00528	00531	00539	00544	00545
Hematopoietic Cell Proliferation										1																					
Hyperplasia											1									1		2		1			1		1		
Hypertrophy									3	1			2	1	2						2					2	1				1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Diffuse												3																			
Hyperplasia, Focal		1														1			3												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																										1					1
Parathyroid Gland	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Hyperplasia, Focal																												1			
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																															
Infiltration Cellular, Histiocyte																															
Pars Distalis, Hyperplasia		1					1		2		3	3		3		2										2					
Thyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia									1	1																					
Cyst, Squamous		2								1																	1			1	
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation												2			2					3	2										3

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CD Rat Female
F1 100PPM

DAY ON TEST	02 68	04 01	04 65	04 86	05 20	05 34	05 45	05 65	06 03	06 04	06 26	06 35	06 38	06 38	06 53	06 58	06 57	06 57	06 54	06 68	06 91	07 11	07 21	07 31	07 31	07 37	07 38	07 38	07 36	07 39	07 39
ANIMAL ID	00051	00091	00118	00124	00130	00136	00149	00175	00218	00221	00241	00273	00278	00281	00294	00303	00304	00305	00311	00332	00370	00418	00424	00445	00451	00489	00528	00531	00539	00544	00545
Hyperplasia																						2									
Inflammation						1			2		2					2	1		2	4						2		2	3		1
Parenchym Cell, Degeneration						1																									
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis								1					2																		
Atrophy				3	2	2	2			2	2				1		2		2	2	3	2		2	1		1		3	3	3
Cyst		X		X	X												X			X					X				X		
Hyperplasia, Stromal				1			2		1		2	3			1		3	2	2		2	3		2	2			1		3	2
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis				1									2																		
Atrophy																											3				
Cervix, Muscularis, Hypertrophy												X																			
Hyperplasia, Cystic							1			3							2		2					3						2	
Metaplasia				1			1												2	1											2
Necrosis														3																	
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation		1			1						2														1						
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity								2																							
Lymph Node														+								+	+				+	+			+

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CD Rat Female
F1 100PPM

DAY ON TEST	026 8	040 1	046 5	048 6	052 0	053 4	054 5	056 5	060 3	060 4	062 6	063 5	063 8	063 8	065 3	065 8	065 7	065 7	065 4	066 8	069 1	071 1	072 1	073 1	073 1	073 7	073 8	073 8	073 6	073 9	073 9
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Lumbar, Degeneration, Cystic																						3	4				3				
Lumbar, Hemorrhage														1																	
Lumbar, Infiltration Cellular, Plasma Cell																						3									
Pancreatic, Hemorrhage																															2
Pancreatic, Inflammation, Granulomatous																															2
Pancreatic, Pigmentation																						3									
Popliteal, Infiltration Cellular, Plasma Cell																											3	2			
Thoracic, Thrombosis														3																	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															2
Hyperplasia, Lymphoid																												3			
Infiltration Cellular, Plasma Cell		2		1	2	2	1	1	2		1	1	2	1	2		2	1	2	2	1	1		3	2	1	2		2	1	2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Inflammation, Granulomatous		2	1	2	1	2	1	1			1				2	1	1	2	2	1	2	2	1	2	1	2	1	2	1	1	2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation							2			3				3			2							1			1	2	2	2	
Inflammation, Chronic Active, Focal																				3											
Lymphocyte, Atrophy					2	3							2												2						
Pigmentation				1	2	2		1			2		2		2				1	2	3	3	2	1	2	2					3
Red Pulp, Atrophy																						2									
Thymus	+	+	+	+	M	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy						2		3			2														3						1

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CD Rat Female
F1 100PPM

DAY ON TEST	026 8	040 1	046 5	048 6	052 0	053 4	054 5	056 5	060 3	060 4	062 6	063 5	063 8	063 8	065 3	065 8	065 7	065 7	065 4	066 8	069 1	071 1	072 1	073 1	073 1	073 7	073 8	073 8	073 6	073 9	073 9
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Cyst								1			1					1	1												1	2	1
Ectopic Thyroid																													X		
Epithel Cell, Hyperplasia																														1	
Hemorrhage								3															2								
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia								2					2																3	4	1
Atypical Focus																											X			X	
Galactocele																					3										
Lactation				2	2	2		2		1	2			2	2		1	1	1	1	2	1	1	2	2	1	1	1	3	3	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foot, Inflammation, Chronic								1				2	2			1		1	1		2	2	3		1	2	4	2	3	3	2
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																															
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression				2	2	2		2		1			2		3				2	2	2	3	1	2	3		2		2		2
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															

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CD Rat Female
F1 100PPM

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Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia				1																											
Infiltration Cellular, Histiocyte				1			3					1					1					2		1	1			1			2
Inflammation														2																	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation				1										1																	
Nasolacrim Dct, Inflammation						2					2	1			2					1											
Upper Molar, Inflammation																								X							
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye									+				+									+	+	+	+	+	+	+	+	+	+
Bilateral, Lens, Cataract													2												2						
Bilateral, Retina, Degeneration																															
Retina, Degeneration																						2				2					
Harderian Gland									+													+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration									2													1						2		1	2
Hypertrophy																						2									
Lacrimal Gland																												+			
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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F1 100PPM

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Cyst		X					X			X				X		X											X	X			
Epithelium, Pelvis, Hyperplasia		2																													
Infarct																													2		
Inflammation		2																													
Nephropathy											1			2			1					1					2		1	2	
Pelvis, Mineralization								1	1	1	2		1	1	1		1		1	2		3	1	1		2	1	1	2		
Renal Tubule, Mineralization	2	2			1			2	1	2	1	1	2	3	1	3	2		1		1	2	1		3	2	3	1	2		1
Urinary Bladder	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		3																													
Inflammation		1																													

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DAY ON TEST	07 38	07 37	07 43	07 45	07 44	07 43	07 44	07 44	07 49	07 49	07 49	07 48	07 47	07 49	07 49	07 50	07 49	07 50	07 47	
ANIMAL ID	005 81	005 82	006 43	006 62	006 65	006 66	007 03	007 20	007 82	008 06	008 09	008 12	008 21	008 30	008 31	008 62	008 67	009 13	009 14	*TOTALS
Alimentary System																				
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	30
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis					1		2				1								1	4 1.3
Basophilic Focus																				3
Bile Duct, Hyperplasia		3	2	1								2	1	2	1					15 1.5
Biliar Tract, Fibrosis	1	2																2		4 1.8
Cyst																				1
Degeneration, Cystic																				2 1.0
Developmental Malformation																X				1
Eosinophilic Focus										X								X		4
Hematopoietic Cell Proliferation																				2 1.0
Infiltration Cellular, Lymphocyte												1								4 1.0
Inflammation, Chronic Active																				3 2.0
Vacuolization Cytoplasmic					1					1	1			1						10 1.1
Mesentery																				1

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DAY ON TEST	07 38	07 37	07 43	07 45	07 44	07 43	07 44	07 44	07 49	07 49	07 49	07 48	07 47	07 49	07 49	07 50	07 49	07 50	07 47	*TOTALS	
ANIMAL ID	005 81	005 82	006 43	006 62	006 65	006 66	007 03	007 20	007 82	008 06	008 09	008 12	008 21	008 30	008 31	008 62	008 67	009 13	009 14		
Fat, Necrosis																				1	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration	1	2		1				3				2					2	1		20	1.7
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Submandibul Gl, Inflammation																				1	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia	2																			1	2.0
Keratin Cyst																				1	
Ulcer	4																			1	4.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Erosion																				1	1.0
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mineralization									2											1	2.0
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	1	1		1		2	1		3		1	1	1			1	1			24	1.3
Mineralization									3											1	3.0
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis				1																3	1.7
Atrophy																			4	1	4.0
Degeneration, Cystic			2		2	1	3	2	2	1	1	2	2	2	2	2	3	1		42	1.9

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CD Rat Female
F1 100PPM

DAY ON TEST	07 38	07 37	07 43	07 45	07 44	07 43	07 44	07 44	07 49	07 49	07 49	07 48	07 47	07 49	07 49	07 50	07 49	07 50	07 47		
ANIMAL ID	005811	005822	006433	006622	006655	006666	007033	007220	007822	008006	008089	008812	008821	008830	008831	008862	008867	009113	009144	*TOTALS	
Hematopoietic Cell Proliferation																				1	1.0
Hyperplasia					1		2	1		1			1	2	2	1	1	1		16	1.3
Hypertrophy	1	2			2	1	1				1	2					2		1	18	1.6
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia, Diffuse																				1	3.0
Hyperplasia, Focal						1						2			1		2			7	1.6
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																				2	1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	46	
Hyperplasia, Focal																				1	1.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst														X						1	
Infiltration Cellular, Histiocyte																			3	1	3.0
Pars Distalis, Hyperplasia						1				1	1	2		2						13	1.8
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
C Cell, Hyperplasia																	2			3	1.3
Cyst, Squamous		1			1	1								1			1			9	1.1
General Body System																					
NONE																					
Genital System																					
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Duct, Dilatation						3									1				2	8	2.3

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

CD Rat Female
F1 100PPM

DAY ON TEST	07 38	07 37	07 43	07 45	07 44	07 43	07 44	07 44	07 49	07 49	07 48	07 47	07 49	07 49	07 50	07 49	07 50	07 47		
ANIMAL ID	00581	00582	00643	00662	00665	00666	00703	00720	00782	00806	00809	00812	00821	00830	00831	00862	00867	00913	00914	*TOTALS
Hyperplasia																				1 2.0
Inflammation	4		2		1		2				1		2	3		2	1	2	2	21 2.0
Parenchym Cell, Degeneration																				1 1.0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis																				2 1.5
Atrophy		3	2				2	3		1			2		2	3	2	2	3	29 2.2
Cyst		X	X			X	X	X	X									X		14
Hyperplasia, Stromal	2	2		2		3	2	1		1	2		2		1	3	2	3	2	30 2.0
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis																				2 1.5
Atrophy																				1 3.0
Cervix, Muscularis, Hypertrophy				X																2
Hyperplasia, Cystic		1			3	1		2	1				2		3		3	3	3	16 2.2
Metaplasia		2						1									1			8 1.4
Necrosis																				1 3.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation			1																	5 1.2
Hematopoietic System																				
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hypocellularity									2											2 2.0
Lymph Node							+			+	+	+			+				+	12

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CD Rat Female
F1 100PPM

DAY ON TEST	07 38	07 37	07 43	07 45	07 44	07 43	07 44	07 44	07 49	07 49	07 49	07 48	07 47	07 49	07 49	07 50	07 49	07 50	07 47		
ANIMAL ID	00581	00582	00643	00662	00665	00666	00703	00720	00782	00806	00809	00812	00821	00830	00831	00862	00867	00913	00914	*TOTALS	
Lumbar, Degeneration, Cystic												2								4	3.0
Lumbar, Hemorrhage																				1	1.0
Lumbar, Infiltration Cellular, Plasma Cell							2			2		2								4	2.3
Pancreatic, Hemorrhage																				1	2.0
Pancreatic, Inflammation, Granulomatous																				1	2.0
Pancreatic, Pigmentation																				1	3.0
Popliteal, Infiltration Cellular, Plasma Cell											1									3	2.0
Thoracic, Thrombosis																				1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic	2												2							3	2.0
Hyperplasia, Lymphoid																				1	3.0
Infiltration Cellular, Plasma Cell	2	2	3	1	1	1	2	2	2	2	2	2	2	2	1	1	2	1		43	1.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic											4									1	4.0
Inflammation, Granulomatous		2	2	2		2	1	2	2	2	2	1	1	3	2	2	2	2	2	42	1.6
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation		2												1	3					12	2.0
Inflammation, Chronic Active, Focal																				1	3.0
Lymphocyte, Atrophy									2											5	2.2
Pigmentation	1		3	1	1		1	2	4	2			1			1	1		1	28	1.8
Red Pulp, Atrophy																				1	2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	M	M	+	43	
Atrophy	2								4											7	2.4

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2) Mild 4) Marked

CD Rat Female
F1 100PPM

DAY ON TEST	07 38	07 37	07 43	07 45	07 44	07 43	07 44	07 44	07 49	07 49	07 49	07 48	07 47	07 49	07 49	07 50	07 49	07 50	07 47		
ANIMAL ID	005 81	005 82	006 43	006 62	006 65	006 66	007 03	007 20	007 82	008 06	008 09	008 12	008 21	008 30	008 31	008 62	008 67	009 13	009 14	*TOTALS	
Cyst	2	1		2		2	1	1		1			2						1	16	1.3
Ectopic Thyroid																				1	
Epithel Cell, Hyperplasia																				1	1.0
Hemorrhage																				2	2.5
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolus, Hyperplasia			2	1					2					1	1	2				11	1.9
Atypical Focus							X						X			X	X			6	
Galactocele													3							2	3.0
Lactation	2	1	2	2	1		1	1					2		2	2	2	1		35	1.6
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foot, Inflammation, Chronic	4	2	2	3	3	1	3			2	3	3	3	3	3	2	3	4		32	2.4
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle											+									1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression		2	1				1		3				2		2	2				24	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Respiratory System																					

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CD Rat Female
F1 100PPM

DAY ON TEST	07 38	07 37	07 43	07 45	07 44	07 43	07 44	07 44	07 49	07 49	07 49	07 48	07 47	07 49	07 49	07 50	07 49	07 50	07 47		
ANIMAL ID	005811	005822	006433	006622	006655	006666	007033	007220	007822	008006	008089	008812	008821	008830	008831	008862	008867	009113	009144	*TOTALS	
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia										3										2	2.0
Infiltration Cellular, Histiocyte				2				1							1				2	13	1.5
Inflammation																				1	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																	1			3	1.0
Nasolacrim Dct, Inflammation	2																			6	1.7
Upper Molar, Inflammation	X			X		X	X													5	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	31	
Bilateral, Lens, Cataract																				2	2.0
Bilateral, Retina, Degeneration						3														1	3.0
Retina, Degeneration			1																	3	1.7
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	30	
Epithelium, Degeneration								1				1	1				2			9	1.4
Hypertrophy			1					1						2						4	1.5
Lacrimal Gland																				1	
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Female
F1 100PPM

DAY ON TEST	07738	07737	07443	07445	07444	07443	07444	07444	07449	07449	07449	07448	07447	07449	07449	07450	07449	07450	07447		
ANIMAL ID	00581	00582	00643	00662	00665	00666	00703	00720	00782	00806	00809	00812	00821	00830	00831	00862	00867	00913	00914	*TOTALS	
Cyst			X			X		X			X				X		X			13	
Epithelium, Pelvis, Hyperplasia																				1	2.0
Infarct																				1	2.0
Inflammation																				1	2.0
Nephropathy	1				1	2			1				2							12	1.4
Pelvis, Mineralization												1	1	1		1	1	1		23	1.3
Renal Tubule, Mineralization	3		2	1	2	2	2	1	3			2	2		1		2		1	36	1.8
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia																				1	3.0
Inflammation																				1	1.0

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CD Rat Female
F1 500PPM

DAY ON TEST	0330	0345	0359	0408	0512	0550	0565	0568	0598	0605	0618	0618	0626	0630	0632	0644	0660	0660	0668	0675	0679	0678	0688	0688	0694	0726	0737	0737	0737	0736	0738
ANIMAL ID	00057	00060	00062	00093	00125	00152	00174	00187	00210	00219	00233	00236	00238	00261	00270	00284	00315	00316	00324	00337	00350	00352	00364	00365	00376	00439	00482	00483	00484	00501	00529
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lumen, Dilatation																						3									
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum				+																						+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Inflammation																															
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Atypical Cells																															
Basophilic Focus						X	X	X		X																					
Bile Duct, Hyperplasia																1					1								1		
Biliar Tract, Fibrosis																							2								
Cyst												X																			
Eosinophilic Focus																															
Hematopoietic Cell Proliferation												1			1																
Hepatodiaphragmatic Nodule																											X				
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active																															

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CD Rat Female
F1 500PPM

DAY ON TEST	03 30	03 45	03 59	04 08	05 12	05 50	05 65	05 68	05 98	06 05	06 18	06 18	06 26	06 30	06 32	06 44	06 60	06 60	06 68	06 75	06 79	06 78	06 88	06 88	06 94	07 26	07 37	07 37	07 37	07 36	07 38
ANIMAL ID	00057	00060	00062	00093	00125	00152	00174	00187	00210	00219	00233	00236	00238	00261	00270	00284	00315	00316	00324	00337	00350	00352	00364	00365	00376	00439	00482	00483	00484	00501	00529
Mixed Cell Focus																X															
Vacuolization Cytoplasmic																	1												1		
Vacuolization Cytoplasmic, Focal																	X														
Mesentery					+									+																	
Fat, Necrosis					2									2																	
Pancreas	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration		1			1		1			2																	1				
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parotid Gl, Inflammation																				2											
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ulcer																		3												2	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																						2									
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy				1					1	2	2	1	1						2	1	2	1						2	1	1	2
Inflammation					2																										
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule	X																														
Angiectasis	1	1																													

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CD Rat Female
F1 500PPM

DAY ON TEST	330	345	359	408	512	550	565	568	598	605	618	618	626	630	632	644	660	660	668	675	679	678	688	688	694	726	737	737	737	736	738
ANIMAL ID	00057	00060	00062	00093	00125	00152	00174	00187	00210	00219	00233	00236	00238	00261	00270	00284	00315	00316	00324	00337	00350	00352	00364	00365	00376	00439	00482	00483	00484	00501	00529
Atrophy																															
Degeneration, Cystic			1		3	3	1	2	1	3	2	1	4	3	1	2	2	2	2	3	1	2	2	2	3	2	3	2	3	2	2
Hyperplasia												2	2									1	1			1					
Hypertrophy										2			1				2			1				2			1		3		1
Infarct	3																														
Vacuolization Cytoplasmic																							1								
Adrenal Medulla	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																						2									
Islets, Pancreatic	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																							3								
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Hyperplasia																															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																											2				1
Cyst, Squamous		1	1																							2			1		
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation											3	2											3								
Hyperplasia													2																		

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CD Rat Female
F1 500PPM

DAY ON TEST	0330	0345	0359	0408	0512	0550	0565	0568	0598	0605	0618	0618	0626	0630	0632	0644	0660	0660	0668	0675	0679	0678	0688	0688	0694	0726	0737	0737	0737	0736	0738
ANIMAL ID	00057	00060	00062	00093	00125	00152	00174	00187	00210	00219	00233	00236	00238	00261	00270	00284	00315	00316	00324	00337	00350	00352	00364	00365	00376	00439	00482	00483	00484	00501	00529
Inflammation									2	1			1		2					1	2	2			2	1	2	2	2	2	
Parenchym Cell, Degeneration											4											1	2						2		1
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			2		2	2	2	1	3	3	2	3	2	2	2	3			3	1	3	3	2	2	2	1	3	2	4	3	
Cyst							X	X										X		X										X	X
Hyperplasia, Stromal					2		1			2				2	3		2			2	2			2	1		2				2
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																1															
Hyperplasia, Cystic						1		2		1		2	3			1	2						1	3	2		1	2		2	
Hyperplasia, Focal																															
Metaplasia								1								1											1				
Vagina	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Developmental Malformation																	X														
Hyperplasia																	2														
Inflammation	1	2				2				3							2				1								1		
Hematopoietic System																															
Bone Marrow	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																															
Myeloid Cell, Hyperplasia																							2								
Lymph Node																								+					+		
Degeneration, Cystic																															

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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 Female
F1 500PPM

DAY ON TEST	0330	0345	0359	0408	0512	0550	0565	0568	0598	0605	0618	0618	0626	0630	0632	0644	0660	0660	0668	0675	0679	0678	0688	0688	0694	0726	0737	0737	0737	0736	0738
ANIMAL ID	00057	00060	00062	00093	00125	00152	00174	00187	00210	00219	00233	00236	00238	00261	00270	00284	00315	00316	00324	00337	00350	00352	00364	00365	00376	00439	00482	00483	00484	00501	00529
Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																								2							
Lumbar, Infiltration Cellular, Plasma Cell																								2							
Pancreatic, Hemorrhage																													1		
Renal, Degeneration, Cystic																															
Renal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																		3											3		
Hemorrhage									1																						
Infiltration Cellular, Plasma Cell	2	2			2	2	2	2		2	2	2	1	2	2	1	2	2	3	2	2	2	2	2	1	2	2	2	3		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage	1																		2												
Inflammation, Granulomatous	1	1	2		2	2	1	2	2	1		2	2	3		2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	3									1		3			2								2	2					1		
Lymphocyte, Atrophy										2				3							2					2					
Pigmentation		2	2		3	2	3	2	3	3	3		2	2		1	2	1	2	4	2	4				3	2	3	2	2	1
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M
Atrophy						2				3								2		2	2	2				3	2			2	
Cyst								1			1		1				2		2			1	2				2	2			
Epithel Cell, Hyperplasia											1				2																
Hemorrhage																2															
Hyperplasia, Lymphoid															3																

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

CD Rat Female
F1 500PPM

DAY ON TEST	03 30	03 45	03 59	04 08	05 12	05 50	05 65	05 68	05 98	06 05	06 18	06 18	06 26	06 30	06 32	06 44	06 60	06 60	06 68	06 75	06 79	06 78	06 88	06 88	06 94	07 26	07 37	07 37	07 37	07 36	07 38
ANIMAL ID	00057	00060	00062	00093	00125	00152	00174	00187	00210	00219	00233	00236	00238	00261	00270	00284	00315	00316	00324	00337	00350	00352	00364	00365	00376	00439	00482	00483	00484	00501	00529
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Degeneration																															
Alveolus, Hyperplasia													3			1	2	3		2									3	2	2
Atypical Focus					X													X											X		
Galactocele																					2										
Lactation		1			2	1	2	2	1	2	2	1	1		2	2	2	2	2	1	2	2		2	2	1	2	1	3	2	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foot, Inflammation, Chronic			2					2	3		2			1	2	1		2	1	1		3		3		3	2	3	3	1	1
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression		3	2		2	2	1	3	1	1	2	1	2	2	1	2	3	3	1	2	2		1	2	2	1		2		3	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus								2									2	2													
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte					1			2					1	1		1	2			1	1	1		1							
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 500PPM

DAY ON TEST	0330	0345	0359	0408	0512	0550	0565	0568	0598	0605	0618	0618	0626	0630	0632	0644	0660	0660	0668	0675	0679	0678	0688	0688	0694	0726	0737	0737	0737	0736	0738
ANIMAL ID	00057	00060	00062	00093	00125	00152	00174	00187	00210	00219	00233	00236	00238	00261	00270	00284	00315	00316	00324	00337	00350	00352	00364	00365	00376	00439	00482	00483	00484	00501	00529
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body																						X									
Inflammation																						3		1							
Keratin Cyst										X																					
Nasolacrim Dct, Inflammation		1	1					1					1						2	2						2					
Upper Molar, Inflammation										X									X												
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye		+		+																						+	+	+	+	+	+
Bilateral, Retina, Degeneration																															
Lens, Cataract				3																									1		
Phthisis Bulbi																													X		
Retina, Degeneration																															
Harderian Gland				+																						+	+	+	+	+	+
Epithelium, Degeneration																															
Hypertrophy																															
Lacrimal Gland																										+					
Metaplasia																										3					
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst							X	X				X					X		X	X	X						X		X		
Inflammation																															

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CD Rat Female
F1 500PPM

DAY ON TEST	0330	0345	0359	0408	0512	0550	0565	0568	0598	0605	0618	0618	0626	0630	0632	0644	0660	0660	0668	0675	0679	0678	0688	0688	0694	0726	0737	0737	0737	0736	0738
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Nephropathy									1	2									1		1	3				2	1		1	1	1
Pelvis, Mineralization						2	1		1	1	1	2		1	1	1		1	1	1	1	1		1			2	2	2		
Renal Tubule, Mineralization	2			1	1	2	1		1	1	1	2		1	2	1				2	2		1		2	2	1	2		1	2
Renal Tubule, Pigmentation																															
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Developmental Malformation														X																	

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CD Rat Female
F1 500PPM

DAY ON TEST	073 8	073 7	073 8	073 8	073 8	074 3	074 3	074 4	074 5	074 9	074 8	074 8	074 9	074 9	074 9	075 0	075 0	075 1		
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912	*TOTALS	
Alimentary System																				
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lumen, Dilatation																			1	3.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	24	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Inflammation															3				1	3.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Angiectasis											1							1	2	1.0
Atypical Cells														2					1	2.0
Basophilic Focus						X		X	X										7	
Bile Duct, Hyperplasia	1		1	2		1					1			2	1				10	1.2
Biliar Tract, Fibrosis																			1	2.0
Cyst											X								2	
Eosinophilic Focus									X				X						2	
Hematopoietic Cell Proliferation						1								1					4	1.0
Hepatodiaphragmatic Nodule																			1	
Infiltration Cellular, Lymphocyte															1	1			2	1.0
Inflammation, Chronic Active			1									2							2	1.5

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CD Rat Female
F1 500PPM

DAY ON TEST	07 38	07 37	07 38	07 38	07 38	07 43	07 43	07 44	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 50	07 50	07 51		
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912	*TOTALS	
Mixed Cell Focus																			1	
Vacuolization Cytoplasmic																			2	1.0
Vacuolization Cytoplasmic, Focal									X										2	
Mesentery																			2	
Fat, Necrosis																			2	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acinar Cell, Degeneration			2							1						1	2		9	1.3
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Parotid Gl, Inflammation																			1	2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Ulcer																			2	2.5
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Erosion																			1	2.0
Cardiovascular System																				
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Cardiomyopathy	1	2	1			1	1	2	1	1	1		1		1			1	26	1.3
Inflammation																			1	2.0
Endocrine System																				
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Accessory Adrenal Cortical Nodule																			1	
Angiectasis		1			1												1		5	1.0

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CD Rat Female
F1 500PPM

DAY ON TEST	07 38	07 37	07 38	07 38	07 38	07 43	07 43	07 44	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 50	07 50	07 51	*TOTALS	
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912		
Atrophy				2															1	2.0
Degeneration, Cystic	4		2	1		3	2	2	2	2		1	2	2	2	1		2	42	2.1
Hyperplasia	2									2					1	1			9	1.4
Hypertrophy									3	2	1		1	2	1				14	1.6
Infarct																			1	3.0
Vacuolization Cytoplasmic																			1	1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hyperplasia, Focal					2														2	2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Parathyroid Gland	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Hyperplasia, Focal																			1	3.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Hyperplasia				1															1	1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
C Cell, Hyperplasia																		1	3	1.3
Cyst, Squamous								2											5	1.4
General Body System																				
NONE																				
Genital System																				
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Duct, Dilatation												1		3			2		6	2.3
Hyperplasia																			1	2.0

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

CD Rat Female
F1 500PPM

DAY ON TEST	07 38	07 37	07 38	07 38	07 38	07 43	07 43	07 44	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 50	07 50	07 51	
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912	*TOTALS
Inflammation				2	3	1		1	2	2		2			1		1	3	23 1.7
Parenchym Cell, Degeneration														3					6 2.2
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Atrophy	3	3	3		3	2	1	2	2	3	3	2	3	2	3	3			40 2.4
Cyst				X	X				X	X				X	X	X			13
Hyperplasia, Stromal	2						1	2					2	3	1	1			19 1.8
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Angiectasis																			1 1.0
Hyperplasia, Cystic		1	2		4		2	1	3	2		1	2			3	3		24 2.0
Hyperplasia, Focal																	2		1 2.0
Metaplasia		1										1							5 1.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Developmental Malformation																			1
Hyperplasia																			1 2.0
Inflammation																			7 1.7
Hematopoietic System																			
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hypocellularity					3				2										2 2.5
Myeloid Cell, Hyperplasia										2									2 2.0
Lymph Node						+		+								+			5
Degeneration, Cystic								1											1 1.0

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CD Rat Female
F1 500PPM

DAY ON TEST	07 38	07 37	07 38	07 38	07 38	07 43	07 43	07 44	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 50	07 50	07 51	*TOTALS	
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912		
Infiltration Cellular, Plasma Cell								2											1	2.0
Lumbar, Degeneration, Cystic						2										2			3	2.0
Lumbar, Infiltration Cellular, Plasma Cell						3										3			3	2.7
Pancreatic, Hemorrhage																			1	1.0
Renal, Degeneration, Cystic						2													1	2.0
Renal, Infiltration Cellular, Plasma Cell						3													1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Degeneration, Cystic																			2	3.0
Hemorrhage																			1	1.0
Infiltration Cellular, Plasma Cell	2	1		2	2	3	2	1	2	2	1	1	2	2	2	1	2	2	44	1.9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hemorrhage																			2	1.5
Inflammation, Granulomatous	2	2	1	2	2		1	2	2	1	2	2	2	1		2	1	1	44	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hematopoietic Cell Proliferation								1		2	2	1						1	12	1.8
Lymphocyte, Atrophy		2												1					6	2.0
Pigmentation	2	3	1	2	2	2	1	1	3	2	1		2	2	3	1	3	1	41	2.1
Thymus	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	M	+	44	
Atrophy		3	2													2			12	2.3
Cyst	3				2			2	1			3			2	2		1	17	1.8
Epithel Cell, Hyperplasia																3			3	2.0
Hemorrhage																			1	2.0
Hyperplasia, Lymphoid																			1	3.0

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

CD Rat Female
F1 500PPM

DAY ON TEST	07 38	07 37	07 38	07 38	07 38	07 43	07 43	07 44	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 50	07 50	07 51		
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912	*TOTALS	
Integumentary System																				
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Alveolus, Degeneration					3		2												2	2.5
Alveolus, Hyperplasia												1		1	2				11	2.0
Atypical Focus			X			X													5	
Galactocele			1																2	1.5
Lactation	1	1	1		1	1	1	1	1	1	1	2	1	2	1	1	2		42	1.5
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Foot, Inflammation, Chronic	4		3	1	3	3	2	2	3	3	2	3	3	3		3	3		33	2.3
Musculoskeletal System																				
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Nervous System																				
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Compression		1	1		2	1	2	1			2			3	2	2			35	1.8
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hydrocephalus																			3	2.0
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Infiltration Cellular, Histiocyte	1							1	1			1		3			1	1	17	1.2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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CD Rat Female
F1 500PPM

DAY ON TEST	07 38	07 37	07 38	07 38	07 38	07 43	07 43	07 44	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 50	07 50	07 51		
ANIMAL ID	005302	005422	005466	005488	005499	006641	006667	006689	007445	008005	008010	008111	008229	008332	008333	008401	008666	009112	*TOTALS	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Foreign Body																			1	
Inflammation																			2	2.0
Keratin Cyst									X										2	
Nasolacrim Dct, Inflammation																			7	1.4
Upper Molar, Inflammation						X													3	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Special Senses System																				
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	26	
Bilateral, Retina, Degeneration								3											1	3.0
Lens, Cataract																			2	2.0
Phthisis Bulbi																			1	
Retina, Degeneration										2			2			1			3	1.7
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Epithelium, Degeneration			1	2	1	3				1	2	1	2	2		3			10	1.8
Hypertrophy										1		1		1					3	1.0
Lacrimal Gland																			1	
Metaplasia																			1	3.0
Urinary System																				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Cyst					X					X			X					X	13	
Inflammation						2													1	2.0

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CD Rat Female
F1 500PPM

DAY ON TEST	07 38	07 37	07 38	07 38	07 38	07 43	07 43	07 44	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 50	07 50	07 51		
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912	*TOTALS	
Nephropathy			1			2		1			1			1	2			1	17	1.4
Pelvis, Mineralization			1	1			1				2	1		1	1				25	1.2
Renal Tubule, Mineralization	2	2		1		1	2	2	1	2	2	1	1	1	1	2	1	2	37	1.5
Renal Tubule, Pigmentation											2								1	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Developmental Malformation																			1	

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	03/25	04/39	04/51	05/43	05/81	06/20	06/25	06/27	06/34	06/58	06/67	06/69	06/73	06/73	06/88	06/92	07/09	07/24	07/37	07/37	07/37	07/38	07/37	07/38	07/38	07/40	07/40	07/39	07/39	07/39	07/43
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00497	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																													1		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum																		+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																	2								2		2			3	
Basophilic Focus																			X						X						
Bile Duct, Hyperplasia											1			1				1	2		1	1			1		1				
Biliar Tract, Fibrosis					1					1						1				3											
Cyst																															
Eosinophilic Focus															X									X							
Fibrosis																															
Hematopoietic Cell Proliferation																															1
Infiltration Cellular, Lymphocyte																						1		1							
Inflammation, Chronic Active			1																												
Tension Lipidosis																	2														
Vacuolization Cytoplasmic													2																	2	1

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	03/25	04/39	04/51	05/43	05/81	06/20	06/25	06/27	06/34	06/58	06/67	06/69	06/73	06/73	06/88	06/92	07/09	07/24	07/37	07/37	07/37	07/38	07/37	07/38	07/38	07/40	07/40	07/39	07/39	07/39	07/43
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00497	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Vacuolization Cytoplasmic, Focal																															
Mesentery													+																		
Fat, Necrosis													2																		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration	1		1				4							4		1			2	1			1					2		1	
Acinar Cell, Hyperplasia																															
Polyarteritis																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Diverticulum						2																									
Hyperplasia					2								3																		
Inflammation													2																		
Ulcer					2																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue				+																											
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy			1					1	1	1	2		1	1		1		2	1				1	1		2	1			1	
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic	1	2	1	1	2	2	1	2	1	2	1	2	2	2	2	2		2	3	1	2	2	2	2	1	4	1			2	1

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	03 25	04 39	04 51	05 43	05 81	06 20	06 25	06 27	06 34	06 58	06 67	06 69	06 73	06 73	06 88	06 92	07 09	07 24	07 37	07 37	07 37	07 38	07 37	07 38	07 38	07 40	07 40	07 39	07 39	07 39	07 43
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00497	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Hyperplasia											1	2				1				1											1
Hypertrophy		2			3		1	1	1	1	1		2			1	2	3	2	1	1	2	1			4	2				
Vacuolization Cytoplasmic						2				3																					
Adrenal Medulla	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																	2				1						2		3		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																															1
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal													2					2													
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																							X								
Pars Distalis, Hyperplasia																							3	2							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia												1																			
Cyst, Squamous				1										1							2										
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation											1						3									4					
Inflammation		2					3	2	1	2		1	2		1		2			2	1		1	2					1		2
Parenchym Cell, Degeneration																		2													

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1-4 ..Lesion qualified as:
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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	0325	0439	0451	0543	0581	0620	0625	0627	0634	0658	0667	0669	0673	0673	0688	0692	0709	0724	0737	0737	0737	0738	0737	0738	0738	0740	0740	0739	0739	0739	0743
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00497	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy			1		1	2					3	2	2	1		3	1	2	3	3		2				4		1	1		
Cyst																X		X			X					X					
Hyperplasia, Stromal					2			1			2		3	2	2	2		2	4	2		2	1							1	
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Cystic											1	1		1			1	2	3			2									
Metaplasia												1																			
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			1					3					2																		
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity													2																		
Lymph Node				+							+															+			M		
Lumbar, Degeneration, Cystic																															
Lumbar, Infiltration Cellular, Plasma Cell																															
Popliteal, Infiltration Cellular, Plasma Cell											2																				
Renal, Infiltration Cellular, Plasma Cell																															
Thoracic, Infiltration Cellular, Plasma Cell				2																											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																															
Hemorrhage											2																				

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	03 25	04 39	04 51	05 43	05 81	06 20	06 25	06 27	06 34	06 58	06 67	06 69	06 73	06 73	06 88	06 92	07 09	07 24	07 37	07 37	07 37	07 38	07 37	07 38	07 38	07 40	07 40	07 39	07 39	07 39	07 43
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Infiltration Cellular, Plasma Cell			2	2	1	2			2	2	1	3	2	2	2	1	1	2		2	2		2	2		2		1		1	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage															2																
Inflammation, Granulomatous		1	1	2	2	1	1	2	2	1		1	2	2	1		2	1	2	2	1	2	3	1	2		2	2	2	2	2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation		3																				2						1			1
Lymphocyte, Atrophy	3							2										1												2	
Pigmentation	3				2	2		3			3		3	2	2	3		2	2	3		1	1		1					2	
Thymus	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	2	4	2		1	2														1										2	1
Cyst							1					2			1		2	3	2			2	2		2					2	
Epithel Cell, Hyperplasia																				2											
Hemorrhage											3																				
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia				3	2			1		1								1		1				2							
Atypical Focus																															
Galactocele																						2									
Lactation			1		1	2		2	1			2	1		2	1		3	1	1		1	1							1	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																											X				
Foot, Inflammation, Chronic				1	1		1		3		3	2	4	2	1				2	3	4	3		3	3		4		3	4	2

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	0325	0439	0451	0543	0581	0620	0625	0627	0634	0658	0667	0669	0673	0673	0688	0692	0709	0724	0737	0737	0737	0738	0737	0738	0738	0740	0740	0739	0739	0739	0743
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00497	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Inflammation																															
Lip, Inflammation, Chronic																															
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bone, Mandible																															
Skeletal Muscle																										+					
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression			1	2	3	2		3	2	1	2		3	1	2	1				3											
Brain, Cerebellum	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus			1		2			2																							
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atelectasis																															
Infiltration Cellular, Histiocyte						2			1		1	1										1									
Inflammation														3																	
Metaplasia																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fungus									X																						
Inflammation	2								3			2		1																	

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

CD Rat Female
F1 5PPM/CTL

DAY ON TEST	03/25	04/39	04/51	05/43	05/81	06/20	06/25	06/27	06/34	06/58	06/67	06/69	06/73	06/73	06/88	06/92	07/09	07/24	07/37	07/37	07/37	07/38	07/37	07/38	07/38	07/40	07/40	07/39	07/39	07/39	07/43
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00497	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Keratin Cyst																														X	
Nasolacrim Dct, Inflammation											1				1																
Upper Molar, Inflammation																						X									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Ear																															+
Hemorrhage																															
Eye																		+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Lens, Cataract																			1												
Bilateral, Retina, Degeneration																															
Retina, Degeneration																		3									1				
Harderian Gland																		+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration																		2		1		2	1	1		1		1			2
Hypertrophy																											2			1	
Lacrimal Gland														+																	
Metaplasia														2																	
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst					X				X	X		X	X				X		X						X	X				
Epithelium, Pelvis, Hyperplasia																															
Infarct																															
Nephropathy						1		1		1	2					1		3								2	1	1			

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

CD Rat Female
F1 5PPM/CTL

DAY ON TEST	0325	0439	0451	0543	0581	0620	0625	0627	0634	0658	0667	0669	0673	0673	0688	0692	0709	0724	0737	0737	0737	0738	0737	0738	0738	0740	0740	0739	0739	0739	0743
ANIMAL ID	00056	00102	00114	00148	00195	00235	00253	00255	00267	00309	00321	00331	00339	00344	00362	00372	00404	00433	00496	00497	00498	00536	00540	00555	00556	00614	00615	00617	00618	00623	00650
Pelvis, Mineralization			1		1						1		1	1		1	1			2	1	1		2		3				1	
Renal Tubule, Mineralization	2	2	2	1	2		2		2	3	1	1	3	2	1	2	1	3	3		2		1	1		3	2	1	3	2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	07 42	07 42	07 42	07 43	07 43	07 43	07 44	07 44	07 45	07 45	07 45	07 45	07 49	07 49	07 49	07 50	07 52	07 52	07 52		
ANIMAL ID	00 06 51	00 06 53	00 06 54	00 06 71	00 06 72	00 06 91	00 07 08	00 07 09	00 07 53	00 07 54	00 07 55	00 07 61	00 08 15	00 08 16	00 08 37	00 08 72	00 08 73	00 08 74	00 09 15	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation		1																		2	1.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis											2	2								6	2.2
Basophilic Focus								X					X					X		5	
Bile Duct, Hyperplasia		2		1	1				2			1					1	1		15	1.2
Biliar Tract, Fibrosis			1								2									6	1.5
Cyst	X																			1	
Eosinophilic Focus																				2	
Fibrosis																1				1	1.0
Hematopoietic Cell Proliferation	1																			2	1.0
Infiltration Cellular, Lymphocyte						2												1		4	1.3
Inflammation, Chronic Active																				1	1.0
Tension Lipidosis																				1	2.0
Vacuolization Cytoplasmic	1					2	1							1			1			8	1.4

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	07 42	07 42	07 42	07 43	07 43	07 43	07 44	07 44	07 45	07 45	07 45	07 45	07 49	07 49	07 49	07 50	07 52	07 52	07 52		
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915	*TOTALS	
Vacuolization Cytoplasmic, Focal	X						X	X												3	
Mesentery						+														2	
Fat, Necrosis						2														2	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration						1	2	1	3		1	2			1		2			18	1.7
Acinar Cell, Hyperplasia		2																		1	2.0
Polyarteritis				3																1	3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	49	
Diverticulum																				1	2.0
Hyperplasia																				2	2.5
Inflammation																				1	2.0
Ulcer																				1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Tongue																				1	
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy				1						2	2		1	1	1	1			1	23	1.2
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic	3	3	2	1		1	2	2	2	2	1	2	2	2	1	1	1	1	2	46	1.7

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	07/42	07/42	07/42	07/43	07/43	07/43	07/44	07/44	07/45	07/45	07/45	07/45	07/49	07/49	07/49	07/50	07/52	07/52	07/52	
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915	*TOTALS
Hyperplasia					1	1						2	2	1		1			1	12 1.3
Hypertrophy	3	3	2	1			4	3	1		1	2				1				28 1.9
Vacuolization Cytoplasmic																				2 2.5
Adrenal Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	48
Hyperplasia, Focal	1						1						1							7 1.6
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																			1	2 1.0
Parathyroid Gland	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hyperplasia, Focal																				2 2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Cyst			X																	2
Pars Distalis, Hyperplasia					1		3							1	2					6 2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
C Cell, Hyperplasia					2															2 1.5
Cyst, Squamous	1				2					1						1				7 1.3
General Body System																				
NONE																				
Genital System																				
Clitoral Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Duct, Dilatation				2				2								3				6 2.5
Inflammation				2				2	1		1			2		1	2	1	1	24 1.6
Parenchym Cell, Degeneration																				1 2.0

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	074 2	074 2	074 2	074 3	074 3	074 3	074 4	074 4	074 4	074 5	074 5	074 5	074 5	074 9	074 9	074 9	075 0	075 2	075 2	075 2			
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915	*TOTALS		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy	2			1					3	2		2	2	1					3		24	2.0
Cyst		X				X		X			X								X		9	
Hyperplasia, Stromal	4		3				2	1	2	1	2	2	2	2			2	2			25	2.0
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia, Cystic	2	1		1				2	1	3			2						1		15	1.6
Metaplasia																					1	1.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	49		
Inflammation																					3	2.0
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hypocellularity																					1	2.0
Lymph Node				+		+	+						+	+		+				9		
Lumbar, Degeneration, Cystic				2		3	2						2	2		2					6	2.2
Lumbar, Infiltration Cellular, Plasma Cell				3		3	2						2	2		2					6	2.3
Popliteal, Infiltration Cellular, Plasma Cell														2							2	2.0
Renal, Infiltration Cellular, Plasma Cell														2							1	2.0
Thoracic, Infiltration Cellular, Plasma Cell																					1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration, Cystic									1								1				2	1.0
Hemorrhage																					1	2.0

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	074 2	074 2	074 2	074 3	074 3	074 3	074 4	074 4	074 4	074 5	074 5	074 5	074 5	074 9	074 9	074 9	075 0	075 2	075 2	075 2		
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915	*TOTALS		
Infiltration Cellular, Plasma Cell	3	1	1	3	1	1	1	1	2	2		2	1	2	2	2	2		1	38	1.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemorrhage																				1	2.0
Inflammation, Granulomatous	2	1	1	3	3	1	2	3	2	2	2	1	2	2	2	1	1	1	3	46	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hematopoietic Cell Proliferation																	2			5	1.8
Lymphocyte, Atrophy																				3	2.0
Pigmentation	3	2	1		1			1	2	2	1	2		1	1				1	28	1.9
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy		2		2																10	1.9
Cyst						1		3	2		2	3	1						1	17	1.9
Epithel Cell, Hyperplasia												3								2	2.5
Hemorrhage																				1	3.0
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Alveolus, Hyperplasia		2	1	1			1	2		1						1				14	1.4
Atypical Focus							X			X										2		
Galactocele								3												2	2.5
Lactation	1	2	2	1	1	1	1	2	1	2		1	1						2	28	1.4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst Epithelial Inclusion																				1		
Foot, Inflammation, Chronic		3	2	3	3	3	3	3	3	3	2	3	3	3		2	2	2		35	2.6

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	074 2	074 2	074 2	074 3	074 3	074 3	074 4	074 4	074 4	074 5	074 5	074 5	074 5	074 9	074 9	074 9	075 0	075 2	075 2	075 2	
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915	*TOTALS	
Inflammation					2															1	2.0
Lip, Inflammation, Chronic	3																			1	3.0
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bone, Mandible	+																			1	
Skeletal Muscle																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression	2									2										15	2.0
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				3	1.7
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atelectasis						2														1	2.0
Infiltration Cellular, Histiocyte	1					1					1	1	3		2		2			12	1.4
Inflammation																				1	3.0
Metaplasia				2																1	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Fungus																				1	
Inflammation																				4	2.0

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	07 42	07 42	07 42	07 43	07 43	07 43	07 44	07 44	07 45	07 45	07 45	07 45	07 49	07 49	07 49	07 50	07 52	07 52	07 52	
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915	*TOTALS
Keratin Cyst																				1
Nasolacrim Dct, Inflammation																				2 1.0
Upper Molar, Inflammation			X												X					3
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Special Senses System																				
Ear											+									2
Hemorrhage											2									1 2.0
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33
Bilateral, Lens, Cataract																				1 1.0
Bilateral, Retina, Degeneration																		2		1 2.0
Retina, Degeneration									1		1									4 1.5
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33
Epithelium, Degeneration	3	2	1	2	2		2	1					2				1	2		18 1.6
Hypertrophy		1																		3 1.3
Lacrimal Gland																				1
Metaplasia																				1 2.0
Urinary System																				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst					X				X					X						12
Epithelium, Pelvis, Hyperplasia																	2			1 2.0
Infarct			3																1	2 2.0
Nephropathy		1				1		2	2											13 1.5

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CD Rat Female
F1 5PPM/CTL

DAY ON TEST	07 42	07 42	07 42	07 43	07 43	07 43	07 44	07 44	07 45	07 45	07 45	07 45	07 49	07 49	07 49	07 50	07 52	07 52	07 52		
ANIMAL ID	00065 1	00065 3	00065 4	00067 1	00067 2	00069 1	00070 8	00070 9	00075 3	00075 4	00075 5	00076 1	00081 5	00081 6	00083 7	00087 2	00087 3	00087 4	00091 5	*TOTALS	
Pelvis, Mineralization								2	2	2			2			2		1	2	20	1.5
Renal Tubule, Mineralization		2	2			2	1		3	2	1				2	2	1	2		36	1.9
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	49	

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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	0410	0423	0538	0577	0619	0632	0654	0658	0670	0670	0683	0683	0698	0703	0709	0720	0732	0737	0737	0733	0738	0738	0739	0737	0737	0740	0743	0743	0744	0745	0745
ANIMAL ID	00094	00097	00137	00192	00234	00274	00299	00307	00327	00330	00353	00357	00382	00389	00405	00425	00450	00491	00492	00500	00534	00535	00551	00557	00558	00616	00644	00645	00670	00704	00705
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large																		+													
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum													+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																		+													
Hyperplasia, Lymphoid																		1													
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																									2				1		
Basophilic Focus											X						X			X	X										
Bile Duct, Hyperplasia										1			1					2			1			2	2	1		2	1		
Cyst																															
Degeneration, Cystic																															
Developmental Malformation						X																									
Eosinophilic Focus																												X			
Hematopoietic Cell Proliferation													1																		
Inflammation, Chronic Active															2				1		2										
Necrosis																3															

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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	04 10	04 23	05 38	05 77	06 19	06 32	06 54	06 58	06 70	06 70	06 83	06 83	06 98	07 03	07 09	07 20	07 32	07 37	07 37	07 37	07 38	07 38	07 39	07 37	07 37	07 40	07 43	07 43	07 44	07 45	07 45
ANIMAL ID	00094	00097	00137	00192	00234	00274	00299	00307	00327	00330	00353	00357	00382	00389	00405	00425	00450	00491	00492	00500	00534	00535	00551	00557	00558	00616	00644	00645	00670	00704	00705
Vacuolization Cytoplasmic											3											1									
Vacuolization Cytoplasmic, Focal														X												X					
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration										4			1	2									1					2			
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Submandibul Gl, Inflammation																			1												
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																					3										
Ulcer																					3										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy							1		2	1	2		1	1	1		1		1		1		1	2	1			1	1	1	1
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																					1										
Degeneration, Cystic	1	2	1	2	2		3		1	2	1		1	2	3	2	1	2	2	3		2	3	1	1	2	1	1	3	2	1
Hyperplasia	1	1						1				3	1									1				1				2	1
Hypertrophy					2								1					2	3				4	2				2		2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Diffuse																															

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CD Rat Female
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ANIMAL ID	00094	00097	00137	00192	00234	00274	00299	00307	00327	00330	00353	00357	00382	00389	00405	00425	00450	00491	00492	00500	00534	00535	00551	00557	00558	00616	00644	00645	00670	00704	00705	
Hyperplasia, Focal																		2			1											
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	M	M	+	+	+	M	M	+	+	+	+
Hyperplasia, Focal																																
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																																
Pars Distalis, Hyperplasia						1			2																							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																																
Cyst, Squamous	1			1																1												1
Follicular Cel, Atrophy						2																										
General Body System																																
NONE																																
Genital System																																
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation						3				2			3							3									2			
Hyperplasia														1											1							
Inflammation		2		2			1	3		2	1		1			1	2	2		1		2		1				1	1	1	1
Parenchym Cell, Degeneration						3																	3									
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		2	2	3	3	2	2					2		1	1	1		3		3	3		3	1		1	1		2	2	2
Cyst	X					X		X						X	X				X				X			X			X		X

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CD Rat Female
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Granulosa Cell, Hyperplasia																						2					3				
Hyperplasia, Stromal				2						2	1	1		1					2		1			1	3				1	1	2
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Cystic			1	1	1		1		1						3					1	1		2	3	1	1	1	2	1	2	1
Metaplasia	2	2	2																											1	
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation											3						2														
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node									+																	+					
Axillary, Degeneration, Cystic																															
Axillary, Infiltration Cellular, Plasma Cell																															
Lumbar, Degeneration, Cystic																										2					
Lumbar, Infiltration Cellular, Plasma Cell									3																						
Renal, Degeneration, Cystic																										3					
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																															
Degeneration, Cystic																															
Hemorrhage			2																												
Infiltration Cellular, Plasma Cell	1	1	2	2	1	2		1	3	3	2	2	2	2	1	1	1	1	2	2	1		2	2	2	1	2	1	2	2	1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
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Degeneration, Cystic																							3								
Inflammation, Granulomatous	1		2	2	2	2	2	1	2	2	1	1	2	2	2	2	1	1	2	2	3	2	3	2	1	3	1	1	2	3	2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	2			1		2										3								2							
Lymphocyte, Atrophy																3	2														
Pigmentation			1										2				3	2			2	1	2		2			2	2		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+
Atrophy					3				1		3					3	4				2					2					
Cyst			2				1		2	1											2				2				1		
Epithel Cell, Hyperplasia																													1		
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia																			1			1		1	2		1			1	
Atypical Focus																		X		X		X					X		X		
Duct, Hyperplasia																									3						
Lactation	1		1		1						2		2		1		2	2	2	2	3	2	2	1	1	1	2	1	1	2	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foot, Inflammation, Chronic				1					4			4	3		1		3	3	3	3	3	3	3	3	3	3	1	1	4	4	3
Lip, Inflammation, Chronic																															
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																										+					

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CD Rat Female
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Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression			2		4					2	3		1	3							1	1	2			1			1	2	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage					3																		2								
Hydrocephalus														2									1								
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte	1				1					2			1	1		1				2								2			2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation									4																						
Upper Molar, Inflammation															X	X															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye			+										+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Lens, Cataract																2															
Bilateral, Retina, Degeneration																															
Polyarteritis																															
Retina, Degeneration																								3	3	1	3	3			
Harderian Gland													+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
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Epithelium, Degeneration																2	1			3	3	2		3	1	1			2	1	
Hypertrophy																2	1												2		
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst			X		X				X				X						X	X		X			X	X				X	
Epithelium, Pelvis, Hyperplasia																															
Infarct																															
Inflammation			2																	1											
Nephropathy									1		3													1							
Pelvis, Mineralization				2	1	1			1		1	1	2	1					1	1	2				1						
Renal Tubule, Mineralization		2	1	1	1	1	1	2	3		2	1				2	1		1	2	2	2		3	2		1	1			1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization											3																				

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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	074 5	074 5	074 5	074 5	074 5	074 5	074 9	074 8	074 8	074 9	074 9	074 9	074 9	074 9	074 9	075 0	074 9	075 3	075 0	074 7	
ANIMAL ID	00747	00748	00749	00751	00752	00760	00807	00813	00814	00826	00834	00835	00838	00839	00863	00871	00875	00918	00919	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large																				1	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	36	
Intestine Small																				1	
Hyperplasia, Lymphoid																				1	1.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis						2										2				4	1.8
Basophilic Focus						X	X				X									7	
Bile Duct, Hyperplasia	1		1		1					1	1	1	1	1					1	18	1.2
Cyst								X												1	
Degeneration, Cystic					1															1	1.0
Developmental Malformation						X														2	
Eosinophilic Focus																				1	
Hematopoietic Cell Proliferation																				1	1.0
Inflammation, Chronic Active					1															4	1.5
Necrosis		2																		2	2.5

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

CD Rat Female
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 45	07 45	07 45	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 49	07 49	07 50	07 49	07 53	07 50	07 47	
ANIMAL ID	00074 7	00074 8	00074 9	00075 1	00075 2	00076 0	00080 7	00081 3	00081 4	00082 6	00083 4	00083 5	00083 8	00083 9	00086 3	00087 1	00087 5	00091 8	00091 9	*TOTALS
Vacuolization Cytoplasmic																				2 2.0
Vacuolization Cytoplasmic, Focal		X																		3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Acinar Cell, Degeneration			1						2		1			1	2			2		11 1.7
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Submandibul Gl, Inflammation																				1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	49
Hyperplasia																				1 3.0
Ulcer																				1 3.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiovascular System																				
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiomyopathy							1	1	1	1	2					1	1	1	1	26 1.2
Endocrine System																				
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis																				1 1.0
Degeneration, Cystic	1	2	1	2	1	2		3	3	2	1	1	1	2	2	3	1	3	2	45 1.8
Hyperplasia		1		1				1						2			1		1	15 1.3
Hypertrophy		1		3		1		4	2	1	1			2		1			2	18 2.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia, Diffuse																		3		1 3.0

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2) Mild 4) Marked

CD Rat Female
F1 100PPM/CTL

DAY ON TEST	0745	0745	0745	0745	0745	0745	0749	0748	0748	0749	0749	0749	0749	0749	0749	0750	0749	0753	0750	0747		
ANIMAL ID	00747	00748	00749	00751	00752	00760	00807	00813	00814	00826	00834	00835	00838	00839	00863	00871	00875	00918	00919	*TOTALS		
Hyperplasia, Focal	2								1		1										5	1.4
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	42		
Hyperplasia, Focal		1																			1	1.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst			X																		1	
Pars Distalis, Hyperplasia		2					2	2											1		6	1.7
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
C Cell, Hyperplasia		1																			1	1.0
Cyst, Squamous			1						1										1		7	1.0
Follicular Cel, Atrophy																					1	2.0
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Duct, Dilatation		2						3													7	2.6
Hyperplasia					1																3	1.0
Inflammation		2	1	3			1	2	2	1	1		1		2	1	1				29	1.5
Parenchym Cell, Degeneration																					2	3.0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy					1	3		2		2		2			1	3		2			28	2.0
Cyst	X		X				X						X		X		X				16	

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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	07 45	07 45	07 45	07 45	07 45	07 45	07 49	07 48	07 48	07 49	07 49	07 49	07 49	07 49	07 50	07 49	07 53	07 50	07 47		
ANIMAL ID	00747	00748	00749	00751	00752	00760	00807	00813	00814	00826	00834	00835	00838	00839	00863	00871	00875	00918	00919	*TOTALS	
Granulosa Cell, Hyperplasia																				2	2.5
Hyperplasia, Stromal		1			2	1	2	2	2		1			1		1				21	1.5
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia, Cystic						1		2	2	3		2	1	1		1	1			26	1.5
Metaplasia								2												5	1.8
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	48	
Inflammation																				2	2.5
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymph Node	+	+	+	+			+	+			+					+				10	
Axillary, Degeneration, Cystic											2									1	2.0
Axillary, Infiltration Cellular, Plasma Cell											1									1	1.0
Lumbar, Degeneration, Cystic	3							2								2				4	2.3
Lumbar, Infiltration Cellular, Plasma Cell	2	2	2	2				3								2				7	2.3
Renal, Degeneration, Cystic																3				2	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst		2																		1	2.0
Degeneration, Cystic						2														1	2.0
Hemorrhage																				1	2.0
Infiltration Cellular, Plasma Cell	2		1	2		3	1	1	1		1	2	1		1		1	2	1	43	1.6
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	07/45	07/45	07/45	07/45	07/45	07/45	07/49	07/48	07/48	07/49	07/49	07/49	07/49	07/49	07/50	07/49	07/53	07/50	07/47		
ANIMAL ID	00074 7	00074 8	00074 9	00075 1	00075 2	00076 0	00080 7	00081 3	00081 4	00082 6	00083 4	00083 5	00083 8	00083 9	00086 3	00087 1	00087 5	00091 8	00091 9	*TOTALS	
Degeneration, Cystic													3							2	3.0
Inflammation, Granulomatous	2	2			2	1	2	3	2	2	2	3	2	2	3	1	3	2	2	47	1.9
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation	1								1								2			8	1.8
Lymphocyte, Atrophy										3										3	2.7
Pigmentation		1			2	1	2			3	1		2	2				2		19	1.8
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Atrophy										3					2					9	2.6
Cyst			2			2		1					1				1		1	13	1.5
Epithel Cell, Hyperplasia																2				2	1.5
Integumentary System																					
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolus, Hyperplasia									1				1		1			1		10	1.1
Atypical Focus													X		X					7	
Duct, Hyperplasia																				1	3.0
Lactation		1		1	1	2				1	1	1	2	2	1	2		2		33	1.5
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Foot, Inflammation, Chronic	3	3	3	4	3		2	3	3	2	3		3	2	3	3		3	3	36	2.8
Lip, Inflammation, Chronic	3																			1	3.0
Musculoskeletal System																					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																				1	

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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	074 5	074 5	074 5	074 5	074 5	074 5	074 9	074 8	074 8	074 9	074 9	074 9	074 9	074 9	074 9	075 0	074 9	075 3	075 0	074 7			
ANIMAL ID	00747	00748	00749	00751	00752	00760	00807	00813	00814	00826	00834	00835	00838	00839	00863	00871	00875	00918	00919	*TOTALS		
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Compression						1			1	2		3						3			17	1.9
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemorrhage																					2	2.5
Hydrocephalus																					2	1.5
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Infiltration Cellular, Histiocyte								3		1							2				12	1.6
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation																					1	4.0
Upper Molar, Inflammation																					2	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37		
Bilateral, Lens, Cataract										3		2									3	2.3
Bilateral, Retina, Degeneration	2							3													2	2.5
Polyarteritis									1												1	1.0
Retina, Degeneration																					5	2.6
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	36		

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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	074 5	074 5	074 5	074 5	074 5	074 5	074 9	074 8	074 8	074 9	074 9	074 9	074 9	074 9	075 0	074 9	075 3	075 0	074 7		
ANIMAL ID	00747	00748	00749	00751	00752	00760	00807	00813	00814	00826	00834	00835	00838	00839	00863	00871	00875	00918	00919	*TOTALS	
Epithelium, Degeneration					1	2	1		1					1			1	3		17	1.7
Hypertrophy													1							4	1.5
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst	X						X	X					X	X		X				16	
Epithelium, Pelvis, Hyperplasia														2						1	2.0
Infarct						1														1	1.0
Inflammation								1												3	1.3
Nephropathy									2		1									5	1.6
Pelvis, Mineralization		1	1			1				1	1			2			2	1	2	21	1.3
Renal Tubule, Mineralization	2	1	2	1	1			2	3	2	2		1			3	2			33	1.7
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	48	
Mineralization																				1	3.0

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037 6	041 8	050 7	051 7	052 0	054 0	058 7	059 5	060 0	060 2	061 4	064 8	064 8	064 3	065 0	065 7	066 1	067 1	066 9	067 3	067 6	068 8	069 6	069 5	070 4	070 5	072 3	073 7	073 7	073 7	073 8
ANIMAL ID	00068	00096	00122	00129	00131	00145	00200	00208	00213	00215	00229	00288	00289	00291	00297	00308	00317	00333	00335	00338	00345	00369	00377	00379	00392	00394	00427	00493	00494	00495	00537
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum									+	+																	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Basophilic Focus													X										X			X		X		X	
Bile Duct, Hyperplasia										2									1		2								2		1
Biliar Tract, Fibrosis								2									1														
Cyst															X													X			
Degeneration, Cystic																													1		
Eosinophilic Focus																X														X	
Hematopoietic Cell Proliferation																							1								
Hepatodiaphragmatic Nodule						X				X																					
Infiltration Cellular, Lymphocyte																	1														
Inflammation, Chronic Active																				2										1	
Necrosis										2													2								
Vacuolization Cytoplasmic																	1			2			1								

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037 76	041 88	050 77	051 77	052 20	054 40	058 87	059 55	060 00	060 22	061 44	064 88	064 88	064 43	065 50	065 57	066 11	066 71	066 99	067 33	067 76	068 88	069 96	069 95	070 44	070 55	072 23	073 77	073 77	073 77	073 88
ANIMAL ID	00068	00096	00122	00129	00131	00145	00200	00208	00213	00215	00229	00288	00289	00291	00297	00308	00317	00333	00335	00338	00345	00369	00377	00379	00392	00394	00427	00493	00494	00495	00537
Mesentery																							+								
Fat, Necrosis																							2								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration										1		1							1	2		1	1		1		1	1	2		1
Inflammation									1																						
Polyarteritis																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							3																								
Parotid Gl, Inflammation							2										3														
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																	2			2											
Inflammation																				2											
Ulcer																	1														
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy				1		1						2	1		1	1	1	2	1	1	1	1	1		2	1		1	2	1	
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																															
Degeneration, Cystic		1	3	2	2	2	1	2	2	2	3	2	3	2	3	3	1	2		2	2	3	1	1	1	1	1	1	2	2	2

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037 6	041 8	050 7	051 7	052 0	054 0	058 7	059 5	060 0	060 2	061 4	064 8	064 8	064 3	065 0	065 7	066 1	067 1	066 9	067 3	067 6	068 8	069 6	069 5	070 4	070 5	072 3	073 7	073 7	073 7	073 8
ANIMAL ID	00068	00096	00122	00129	00131	00145	00200	00208	00213	00215	00229	00288	00289	00291	00297	00308	00317	00333	00335	00338	00345	00369	00377	00379	00392	00394	00427	00493	00494	00495	00537
Hyperplasia							1	1				1											2								1
Hypertrophy	1					2			2	1	3		4			1			1				2		1		2				
Vacuolization Cytoplasmic																			3												
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																															
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																							2								
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Diffuse	2																														
Hyperplasia, Focal													2																		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Hyperplasia																2															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia												1								1											
Cyst, Squamous									1															1							
Follicular Cel, Atrophy			2																												
Follicular Cel, Hyperplasia	1																														
General Body System																															
Tissue NOS																							+								
Genital System																															
Clitoral Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation							4			2						2	2							2	2		1				3

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M ..Missing tissue
1-4 ..Lesion qualified as:
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I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild 4) Marked

CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037	041	050	051	052	054	058	059	060	060	061	064	064	064	065	065	066	066	067	067	067	067	068	068	069	069	070	070	072	073	073	073	073
ANIMAL ID	00068	00096	00122	00129	00131	00145	00200	00208	00213	00215	00229	00288	00289	00291	00297	00308	00317	00333	00335	00338	00345	00369	00377	00379	00392	00394	00427	00493	00494	00495	00537
Hyperplasia													2							2													
Inflammation			2	3	1		3		2	2		1		1	2			1			2				2					3	2
Parenchym Cell, Degeneration										3																			1		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	1	2		3	3	2	3	2	3	3	2	2	2		3	3	2	2	2	3	2	2		2	3	3	3	3	3	3	2
Cyst			X	X									X					X	X		X						X		X		X
Hyperplasia, Stromal								1		3				1			3	2	2	1	2				2		1		1		
Serosa, Hyperplasia																															
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cervix, Muscularis, Hypertrophy			X																					X							
Hyperplasia, Cystic	1		2			2	1	3	3	1			1			1	3	2		2	3	2		1	3	1	2	2			3
Hyperplasia, Focal																															
Metaplasia		2													1	1															3
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation							2										2						2				2				
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																															
Myeloid Cell, Hyperplasia																							2								
Lymph Node															+		+	+											+		
Lumbar, Degeneration, Cystic																															

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

CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037 76	041 88	050 77	051 77	052 20	054 40	058 87	059 55	060 00	060 02	061 44	064 88	064 88	064 43	065 00	065 57	066 11	067 11	066 99	067 33	067 76	068 88	069 96	069 95	070 44	070 05	072 23	073 37	073 77	073 77	073 78
ANIMAL ID	00068	00096	00122	00129	00131	00145	00200	00208	00213	00215	00229	00288	00289	00291	00297	00308	00317	00333	00335	00338	00345	00369	00377	00379	00392	00394	00427	00493	00494	00495	00537
Lumbar, Infiltration Cellular, Plasma Cell															1			2													
Mediastinal, Hemorrhage																													2		
Mediastinal, Infiltration Cellular, Plasma Cell																													2		
Pancreatic, Hemorrhage																	2														
Popliteal, Infiltration Cellular, Plasma Cell																															
Renal, Degeneration, Cystic																															
Renal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																			2												
Hemorrhage												1																			
Infiltration Cellular, Plasma Cell		2	1		1	2		1	2		2	2	2	1	1	1	2	1	2	3	1	1	3	3	2	1	2	2	2	2	2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																	1														
Inflammation, Granulomatous	1	1	2	1	1	2		1	1	2	1	2	2	2	1	1		1	1	1	2	2	1	2	2		2	2	1	2	1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation										2						2							4			1				1	
Hemorrhage										3																					
Lymphocyte, Atrophy							4	2		2	2																				
Pigmentation		1		2	2		3	2	3		2	2		3		1	2			1	2	2			1	2	2		2	1	3
Red Pulp, Hyperplasia																															
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							4			2							2			1			1		2						
Cyst					1	1		2	2	3		2					1	2	1		1				2		2	1		2	2

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037 6	041 8	050 7	051 7	052 0	054 0	058 7	059 5	060 0	060 2	061 4	064 8	064 8	064 3	065 0	065 7	066 1	067 1	066 9	067 3	067 6	068 8	069 6	069 5	070 4	070 5	072 3	073 7	073 7	073 7	073 8
ANIMAL ID	00068	00096	00122	00129	00131	00145	00200	00208	00213	00215	00229	00288	00289	00291	00297	00308	00317	00333	00335	00338	00345	00369	00377	00379	00392	00394	00427	00493	00494	00495	00537
Epithel Cell, Hyperplasia																															
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Hyperplasia													3	2													3		1		
Atypical Focus			X			X						X																	X		
Galactocele						2																									
Inflammation																															
Lactation		1	2	1	2	2	1		1			1	2		2		2	1		1	1	1		2	1	1	2	1	1	2	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foot, Inflammation, Chronic				1		3		1				1	1		4		2	2		3	2	2	3		2	3	3	3	3		3
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bone, Tibia					+																										
Malformation					X																										
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression		2		2	3	1		1		2	2	2	3	2	2		3	2	2		2	2		2	2	2	3		2	2	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																											1				
Respiratory System																															

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037 76	041 18	050 07	051 17	052 20	054 40	058 87	059 95	060 00	060 02	061 14	064 88	064 89	064 43	065 50	065 57	066 11	067 11	066 69	067 33	067 76	068 88	069 96	069 95	070 04	070 05	072 23	073 37	073 37	073 37	073 38
ANIMAL ID	00068	00096	00122	00129	00131	00145	00200	00208	00213	00215	00229	00288	00289	00291	00297	00308	00317	00333	00335	00338	00345	00369	00377	00379	00392	00394	00427	00493	00494	00495	00537
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia													1																		
Infiltration Cellular, Histiocyte			1					3			2		1	2	1		1	3					1	1		3			1		
Inflammation							1																								
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation				1		1		1												2											
Nasolacrim Dct, Inflammation						2	1						1							2											
Upper Molar, Inflammation																															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye		+							+	+										+							+	+	+	+	+
Cornea, Ulcer																				4											
Retina, Degeneration																															
Harderian Gland									+	+																	+	+	+	+	+
Epithelium, Degeneration																												1			
Hypertrophy																											1			1	
Lacrimal Gland								+																							
Metaplasia																															
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	037 76	041 88	050 77	051 77	052 00	054 00	058 87	059 55	060 00	060 22	061 44	064 88	064 88	064 43	065 00	065 57	066 11	067 11	066 99	067 33	067 66	068 88	069 96	069 55	070 44	070 05	072 33	073 77	073 77	073 77	073 88
ANIMAL ID	0006 8	0009 6	0012 2	0012 9	0013 1	0014 5	0020 0	0020 8	0021 3	0021 5	0022 9	0028 8	0028 9	0029 1	0029 7	0030 8	0031 7	0033 3	0033 5	0033 8	0034 5	0036 9	0037 7	0037 9	0039 2	0039 4	0042 7	0049 3	0049 4	0049 5	0053 7
Cyst					X		X		X			X				X				X					X	X			X		X
Inflammation																															
Nephropathy																				1					1		2		2		
Pelvis, Mineralization			1				1			1	1		2	1			1	1			2		1	2	1	1			2	2	
Renal Tubule, Mineralization	1	1	1	2	2		2	1	2	2	2	2	2		1	2	1	2		2	1	2	1		1	2	2	2		2	2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50		
ANIMAL ID	005538	005553	005554	006119	006448	006449	006655	006668	006669	007006	007007	007500	008088	008817	008818	008840	008869	008876	009116	*TOTALS		
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	26		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Angiectasis													1	1						2	1.0	
Basophilic Focus													X							6		
Bile Duct, Hyperplasia		2			1	2		1				1	2			1			1	13	1.5	
Biliar Tract, Fibrosis																				2	1.5	
Cyst														X						3		
Degeneration, Cystic																				1	1.0	
Eosinophilic Focus					X										X					4		
Hematopoietic Cell Proliferation																				1	1.0	
Hepatodiaphragmatic Nodule																				2		
Infiltration Cellular, Lymphocyte																				1	1.0	
Inflammation, Chronic Active																				2	1.5	
Necrosis																				2	2.0	
Vacuolization Cytoplasmic																				3	1.3	

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50			
ANIMAL ID	005538	005553	005554	006119	006448	006449	006655	006668	006669	007006	007007	007750	008088	008817	008818	008840	008869	008876	009116	*TOTALS		
Mesentery							+													2		
Fat, Necrosis							2														2	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Acinar Cell, Degeneration					1				2						1						14	1.2
Inflammation																					1	1.0
Polyarteritis	1																				1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy																					1	3.0
Parotid Gl, Inflammation																					2	2.5
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia																					2	2.0
Inflammation																					1	2.0
Ulcer																					1	1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cardiomyopathy	2	1			1		1	1	1		1				1	1		1			28	1.2
Endocrine System																						
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Angiectasis																	1				1	1.0
Degeneration, Cystic	4	3	2	1	1	3	1	1		3	2	2	2	2	2	2			2		45	2.0

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50	*TOTALS		
ANIMAL ID	00538	00553	00554	00619	00648	00649	00655	00668	00669	00706	00707	00750	00808	00817	00818	00840	00869	00876	00916			
Hyperplasia	1						1				1	2					1	2		11	1.3	
Hypertrophy					2	2	1		2	3	1					3				18	1.9	
Vacuolization Cytoplasmic																				1	3.0	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	48		
Hyperplasia, Focal			3				1	2	2							1				5	1.8	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia											2									2	2.0	
Parathyroid Gland	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	43		
Hyperplasia, Diffuse																				1	2.0	
Hyperplasia, Focal																				1	2.0	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Pars Distalis, Hyperplasia	2																			2	2.0	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
C Cell, Hyperplasia																				2	1.0	
Cyst, Squamous				1					1		1				3	1	1			8	1.3	
Follicular Cel, Atrophy																				1	2.0	
Follicular Cel, Hyperplasia																				1	1.0	
General Body System																						
Tissue NOS																				1		
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Duct, Dilatation	3									4							3			11	2.5	

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 44	07 44	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50		
ANIMAL ID	00 05 38	00 05 53	00 05 54	00 06 19	00 06 48	00 06 49	00 06 55	00 06 68	00 06 69	00 07 06	00 07 07	00 07 50	00 08 08	00 08 17	00 08 18	00 08 40	00 08 69	00 08 76	00 09 16	*TOTALS	
Hyperplasia					2															3	2.0
Inflammation	4	1					1	3		3	2			2				2	2	23	2.0
Parenchym Cell, Degeneration																				2	2.0
Ovary	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	49	
Atrophy	1	2	2	3	2	2		3			2	2	2		3	2		2	2	42	2.4
Cyst	X	X	X	X		X		X			X			X	X					18	
Hyperplasia, Stromal					2				1				2			1		2	2	17	1.7
Serosa, Hyperplasia											1									1	1.0
Oviduct	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	47	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cervix, Muscularis, Hypertrophy																				2	
Hyperplasia, Cystic		3	4	2	1	2		2	3		3	1				3	2	3	2	33	2.1
Hyperplasia, Focal									3											1	3.0
Metaplasia												1			1			2		7	1.6
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation					1															5	1.8
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hypocellularity														2						1	2.0
Myeloid Cell, Hyperplasia																				1	2.0
Lymph Node	+		+														+	+	+	9	
Lumbar, Degeneration, Cystic	2																1		2	3	1.7

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

CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50		
ANIMAL ID	00 05 38	00 05 53	00 05 54	00 06 19	00 06 48	00 06 49	00 06 55	00 06 68	00 06 69	00 07 06	00 07 07	00 07 50	00 08 08	00 08 17	00 08 18	00 08 40	00 08 69	00 08 76	00 09 16	*TOTALS		
Lumbar, Infiltration Cellular, Plasma Cell	2																1	2	2	6	1.7	
Mediastinal, Hemorrhage																				1	2.0	
Mediastinal, Infiltration Cellular, Plasma Cell																				1	2.0	
Pancreatic, Hemorrhage			2																	2	2.0	
Popliteal, Infiltration Cellular, Plasma Cell																	2			1	2.0	
Renal, Degeneration, Cystic																		1		1	1.0	
Renal, Infiltration Cellular, Plasma Cell																		2		1	2.0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration, Cystic															2					2	2.0	
Hemorrhage																				1	1.0	
Infiltration Cellular, Plasma Cell		1	1	2	2	2	2	2	1	2	2	2	2	2	3	2	2	2	3	45	1.8	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Degeneration, Cystic																				1	1.0	
Inflammation, Granulomatous	2			1	3	2	2	1	1	1	2	2	1	2	2	2	2	1	2	45	1.6	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hematopoietic Cell Proliferation								2									2	2		8	2.0	
Hemorrhage																				1	3.0	
Lymphocyte, Atrophy																				4	2.5	
Pigmentation		2	3	2	2	3	1	1	1		2	2	2	2	2	2				34	1.9	
Red Pulp, Hyperplasia										2										1	2.0	
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	47		
Atrophy					1					2						1				9	1.8	
Cyst			3		2										1	1			1	20	1.7	

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BLANK ..Not examined microscopically
2) Mild 4) Marked

CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 43	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50		
ANIMAL ID	005538	005553	005554	006119	006448	006449	006555	006568	006669	007006	007007	007500	008088	008817	008818	008840	008869	008876	009116	*TOTALS		
Epithel Cell, Hyperplasia					3																1	3.0
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Alveolus, Hyperplasia	1		3	1	1	1		1			1	1					2	2	1		15	1.6
Atypical Focus	X		X	X	X							X		X					X		11	
Galactocele												2									2	2.0
Inflammation			3																		1	3.0
Lactation	2	2	3	2	2	2	1	2		2	2	2	1	2	1	2		2	2		40	1.6
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Foot, Inflammation, Chronic	3	3	1	3	4	3	2	2	2	2	2	3		3		1	2	3	3		35	2.4
Musculoskeletal System																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Bone, Tibia																				1		
Malformation																					1	
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Compression		1	1	1	2						2		1		1	2			2		31	1.9
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hydrocephalus																			1		2	1.0
Respiratory System																						

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 43	07 44	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50		
ANIMAL ID	00538	00553	00554	00619	00648	00649	00655	00668	00669	00706	00707	00750	00808	00817	00818	00840	00869	00876	00916	*TOTALS	
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia																				1	1.0
Infiltration Cellular, Histiocyte				1			1			2	1		1		2	2	3			20	1.7
Inflammation																				1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				4	1.3
Nasolacrim Dct, Inflammation																				4	1.5
Upper Molar, Inflammation							X													1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	28	
Cornea, Ulcer																				1	4.0
Retina, Degeneration	2																			1	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	26	
Epithelium, Degeneration		1	1		1	2		1	2		2	1		2	3	1		2		13	1.5
Hypertrophy													1	1					1	5	1.0
Lacrimal Gland	+																			2	
Metaplasia	1																			1	1.0
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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CD Rat Female
F1 500PPM/CTL

DAY ON TEST	07 38	07 38	07 38	07 39	07 44	07 43	07 43	07 44	07 44	07 44	07 44	07 45	07 48	07 48	07 48	07 49	07 50	07 50	07 50		
ANIMAL ID	00538	00553	00554	00619	00648	00649	00655	00668	00669	00706	00707	00750	00808	00817	00818	00840	00869	00876	00916	*TOTALS	
Cyst	X		X			X	X			X	X		X			X	X			19	
Inflammation							1													1	1.0
Nephropathy	1	1											2					1		8	1.4
Pelvis, Mineralization	1	1		1		1					1	1	1			1				23	1.2
Renal Tubule, Mineralization	1	1		1			2			2	2		2			2	3	1		36	1.7
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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CD Rat Female
F3 0 PPM

DAY ON TEST	04 89	04 86	05 00	05 84	05 84	05 90	06 12	06 13	06 30	06 58	06 61	06 77	06 95	07 01	07 06	07 08	07 07	07 25	07 34	07 34	07 51	07 51	07 50	07 52	07 52	07 55	07 54	07 54	07 55	07 55	07 54
ANIMAL ID	00135	00140	00150	00251	00252	00271	00301	00310	00341	00390	00393	00431	00661	00780	00822	00827	00828	00936	00942	00944	00950	00951	00952	01014	01015	01031	01032	01033	01070	01071	01087
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum											+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																								1							
Basophilic Focus														X																	
Bile Duct, Hyperplasia													1	1			2		1					1			2			2	
Biliar Tract, Fibrosis																															
Clear Cell Focus						X																									
Cyst									X																						
Degeneration, Cystic																															
Hematopoietic Cell Proliferation																															
Hepatodiaphragmatic Nodule																	X														
Infiltration Cellular, Lymphocyte																												2		1	
Inflammation, Chronic Active		3																													
Necrosis									1																						
Vacuolization Cytoplasmic					1	2					3				1			2								2					

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CD Rat Female
F3 0 PPM

DAY ON TEST	0489	0486	0500	0584	0584	0590	0612	0613	0630	0658	0661	0677	0695	0701	0706	0708	0707	0725	0734	0734	0751	0751	0750	0752	0752	0755	0754	0754	0755	0755	0754
ANIMAL ID	00135	00140	00150	00251	00252	00271	00301	00310	00341	00390	00393	00431	00661	00780	00822	00827	00828	00936	00942	00944	00950	00951	00952	01014	01015	01031	01032	01033	01070	01071	01087
Vacuolization Cytoplasmic, Focal			X												X				X												
Oral Mucosa																														+	
Pancreas	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration						2			2	2		1		1							1		1	1	1	2	1	2			1
Polyarteritis																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Hyperplasia																															
Inflammation																			1												
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																													2		
Mineralization										2																					
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization										2																					
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium Lft, Thrombosis																															
Cardiomyopathy	1						1			2	2	1				1	1	1	1	1	1	1		1	1		1	1	1		1
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule													X																		
Angiectasis			1																1												

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CD Rat Female
F3 0 PPM

DAY ON TEST	04 89	04 86	05 00	05 84	05 84	05 90	06 12	06 13	06 30	06 58	06 61	06 77	06 95	07 01	07 06	07 08	07 07	07 25	07 34	07 34	07 51	07 51	07 50	07 52	07 52	07 55	07 54	07 54	07 55	07 55	07 54
ANIMAL ID	00 135	00 140	00 150	00 251	00 252	00 271	00 301	00 310	00 341	00 390	00 393	00 431	00 661	00 780	00 822	00 827	00 828	00 936	00 942	00 944	00 950	00 951	00 952	01 014	01 015	01 031	01 032	01 033	01 070	01 071	01 087
Degeneration, Cystic	1	2		2	2	3		2	3		3	2	1	2	4	3	2	2		3	2	1	2	1	1	3	3	1	2	1	2
Hyperplasia		1		1						1						2						1	1	2							
Hypertrophy						2					4	2		1	4		2			3		1				3	2			1	
Vacuolization Cytoplasmic					3			1																							
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal										1								2				2							2		
Islets, Pancreatic	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																		2									1				
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Diffuse																															
Hyperplasia, Focal																															
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																														X	
Pars Distalis, Hyperplasia		3			2	2																									
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia				1																											
Cyst, Squamous	2		2								1					1	1										2				
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation											3							2	2	2	3										

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CD Rat Female
F3 0 PPM

DAY ON TEST	048 9	048 6	050 0	058 4	058 4	059 0	061 2	061 3	063 0	065 8	066 1	067 7	069 5	070 1	070 6	070 8	070 7	072 5	073 4	073 4	075 1	075 1	075 0	075 2	075 2	075 5	075 4	075 4	075 5	075 5	075 4
ANIMAL ID	001 35	001 40	001 50	002 51	002 52	002 71	003 01	003 10	003 41	003 90	003 93	004 31	006 61	007 80	008 22	008 27	008 28	009 36	009 42	009 44	009 50	009 51	009 52	010 14	010 15	010 31	010 32	010 33	010 70	010 71	010 87
Inflammation							2	2		3	1		1		3		1				2	1		2				1			2
Parenchym Cell, Degeneration			2																												
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	3	2	2				1		2	2		2		3	2		3	3		3	2						2		3		2
Cyst											X				X						X		X								
Hyperplasia, Stromal			2	1					3	2								3	2	1	2							3	2	3
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis							3																								
Hyperplasia, Cystic			1				1					1							1	1					1		1	3		1	
Hyperplasia, Focal																												4			2
Metaplasia																															
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Inflammation			2								2							2	3			2									
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node												+					+	+			+			+	+	+	+				
Lumbar, Degeneration, Cystic																	2							2	2	3	2				
Lumbar, Hyperplasia, Lymphoid																					2										
Lumbar, Infiltration Cellular, Plasma Cell																	2							2	2	2	2				
Mediastinal, Infiltration Cellular, Plasma Cell																		3													
Popliteal, Degeneration, Cystic																		2													

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CD Rat Female
F3 0 PPM

DAY ON TEST	0489	0486	0500	0584	0584	0590	0612	0613	0630	0658	0661	0677	0695	0701	0706	0708	0707	0725	0734	0734	0751	0751	0750	0752	0752	0755	0754	0754	0755	0755	0754
ANIMAL ID	00135	00140	00150	00251	00252	00271	00301	00310	00341	00390	00393	00431	00661	00780	00822	00827	00828	00936	00942	00944	00950	00951	00952	01014	01015	01031	01032	01033	01070	01071	01087
Popliteal, Infiltration Cellular, Plasma Cell																		4													
Renal, Hyperplasia, Lymphoid																					2										
Renal, Infiltration Cellular, Plasma Cell																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic															2																
Hemorrhage												1																			
Infiltration Cellular, Plasma Cell		1	2	2			2	1	2	2	1	2	1	2	2	2	2	2	2	2	1	2		2		2	1	2	2	2	2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																													2		
Infiltration Cellular, Plasma Cell																															
Inflammation, Granulomatous	1	1	1	2	2	1	1		2	2	1	2		2	1	2	2	1	2	3		2	1	1		2	2	1		2	2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	2						2			2							1	2		1					2	1	1				
Lymphocyte, Atrophy						3												2													
Pigmentation			3			2					3		3	2	1				3	3									1		2
Thymus	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	3					3							1	3	2				2	1									1		2
Cyst		1						1	2										3	2		1	2	2			2				
Epithel Cell, Hyperplasia																															3
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Degeneration																		3													

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

CD Rat Female
F3 0 PPM

DAY ON TEST	048 9	048 6	050 0	058 4	058 4	059 0	061 2	061 3	063 0	065 8	066 1	067 7	069 5	070 1	070 6	070 8	070 7	072 5	073 4	073 4	075 1	075 1	075 0	075 2	075 2	075 5	075 4	075 4	075 5	075 5	075 4
ANIMAL ID	001 35	001 40	001 50	002 51	002 52	002 71	003 01	003 10	003 41	003 90	003 93	004 31	006 61	007 80	008 22	008 27	008 28	009 36	009 42	009 44	009 50	009 51	009 52	010 14	010 15	010 31	010 32	010 33	010 70	010 71	010 87
Alveolus, Hyperplasia							2				2		1			1					2	1		1	1		1		2		
Atypical Focus							X		X													X			X		X				
Galactocele															2																
Hyperplasia												3																			
Lactation							1		1	2	2		1	2	1	1		2	1	1	1	1		2	1		2		2		1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																	2														
Foot, Inflammation, Chronic		4		1	1		1			2	3	2			2	2	3	4			3	3	2	3	3	3	3	3			2
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bone, Joint																													+		
Inflammation																													3		
Skeletal Muscle																															
Cyst																															
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression			2				1		2			2	2	3	3		1	1	2	3	1										1
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus									2																						
Respiratory System																															

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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 Female
F3 0 PPM

DAY ON TEST	04 89	04 86	05 00	05 84	05 84	05 90	06 12	06 13	06 30	06 58	06 61	06 77	06 95	07 01	07 06	07 08	07 07	07 25	07 34	07 34	07 51	07 51	07 50	07 52	07 52	07 55	07 54	07 54	07 55	07 55	07 54
ANIMAL ID	00135	00140	00150	00251	00252	00271	00301	00310	00341	00390	00393	00431	00661	00780	00822	00827	00828	00936	00942	00944	00950	00951	00952	01014	01015	01031	01032	01033	01070	01071	01087
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte														1		1		4				2						1	2		
Inflammation							1																								
Mineralization										2																					
Polyarteritis																	2														
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation						3																									
Nasolacrim Dct, Inflammation							1											2													
Upper Molar, Inflammation															X									X							
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye											+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Lens, Cataract																		2													
Bilateral, Retina, Degeneration																						3		1							3
Retina, Degeneration																															
Harderian Gland											+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration													2				2			1						1				1	
Hypertrophy														1																	
Inflammation																		2													
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet												4																			

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CD Rat Female
F3 0 PPM

DAY ON TEST	048 9	048 6	050 0	058 4	058 4	059 0	061 2	061 3	063 0	065 8	066 1	067 7	069 5	070 1	070 6	070 8	070 7	072 5	073 4	073 4	075 1	075 1	075 0	075 2	075 2	075 5	075 4	075 4	075 5	075 5	075 4
ANIMAL ID	001 35	001 40	001 50	002 51	002 52	002 71	003 01	003 10	003 41	003 90	003 93	004 31	006 61	007 80	008 22	008 27	008 28	009 36	009 42	009 44	009 50	009 51	009 52	010 14	010 15	010 31	010 32	010 33	010 70	010 71	010 87
Cyst					X					X	X						X				X	X		X	X	X		X	X	X	
Inflammation																												1			
Nephropathy						2			1	4	1				3		1	3		1			2	1			1				
Pelvis, Mineralization			2						2		1							1		3							1		1		1
Renal Tubule, Mineralization	2	1	1		2	1	2	2	2	2	2	2	2	2			1	3	1		1		2	1	2	2	1	2	2	2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																															

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CD Rat Female
F3 0 PPM

DAY ON TEST	0754	0755	0755	0755	0755	0755	0755	0755	0755	0755	0756	0756	0756	0756	0754	0754	0754	0754	0753	0752	0755	0755	0754		
ANIMAL ID	01088	01103	01104	01105	01108	01109	01110	01111	01112	01113	01156	01157	01158	01159	01160	01161	01162	01163	01164	01194	01195	01196	*TOTALS		
Alimentary System																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	51		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	51		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Angiectasis																						1	2	1.0	
Basophilic Focus	X					X											X	X					5		
Bile Duct, Hyperplasia			1	1				2	1		1		1				1	2				2	16	1.4	
Biliar Tract, Fibrosis		2																	1				2	1.5	
Clear Cell Focus																							1		
Cyst																							1		
Degeneration, Cystic					1																		1	1.0	
Hematopoietic Cell Proliferation											1												1	1.0	
Hepatodiaphragmatic Nodule																							1		
Infiltration Cellular, Lymphocyte		1															1						4	1.3	
Inflammation, Chronic Active							1		2							1							4	1.8	
Necrosis							1																2	1.0	
Vacuolization Cytoplasmic								1															7	1.7	

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2) Mild 4) Marked

CD Rat Female
F3 0 PPM

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 54	07 54	07 54	07 53	07 52	07 55	07 55	07 54			
ANIMAL ID	0108 8	0110 3	0110 4	0110 5	0110 8	0110 9	0111 0	0111 1	0111 2	0111 3	0111 56	0111 57	0111 58	0111 59	0111 60	0111 61	0111 62	0111 63	0111 64	0111 94	0111 95	0111 96	*TOTALS		
Vacuolization Cytoplasmic, Focal																	X						4		
Oral Mucosa																							1		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52		
Acinar Cell, Degeneration					1	1	2	1	4		2		1				1	1	2	2		2		25	1.5
Polyarteritis																			3					1	3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52		
Hyperplasia																2								1	2.0
Inflammation																1								2	1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Erosion																								1	2.0
Mineralization																								1	2.0
Cardiovascular System																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Mineralization																								1	2.0
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Atrium Lft, Thrombosis																		X						1	
Cardiomyopathy	1	1	1			1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1		38	1.1
Endocrine System																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Accessory Adrenal Cortical Nodule																								1	
Angiectasis																								2	1.0

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1-4 ..Lesion qualified as:
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CD Rat Female
F3 0 PPM

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 54	07 54	07 54	07 53	07 52	07 55	07 55	07 54	*TOTALS		
ANIMAL ID	0108	0103	0104	0105	0108	0109	0110	0111	0112	0113	0156	0157	0158	0159	0160	0161	0162	0163	0164	0194	0195	0196			
Degeneration, Cystic	1	2	1	2	1	2	1	1		2	1	3	1	3	2	3	2	2	2	1	1	2	48	1.9	
Hyperplasia			1			2				2	1				1	1			1				14	1.3	
Hypertrophy				2				1					1	3	1	3	4			2	2	3	21	2.2	
Vacuolization Cytoplasmic					3				2						2	2							6	2.2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Hyperplasia, Focal							1		2						1			2		2		2	10	1.7	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52		
Hyperplasia																				1			3	1.3	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Hyperplasia, Diffuse																		2					1	2.0	
Hyperplasia, Focal							1																1	1.0	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Cyst																							1		
Pars Distalis, Hyperplasia		2		1	2								2										7	2.0	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
C Cell, Hyperplasia																			1				2	1.0	
Cyst, Squamous		1			1					1										1			10	1.3	
General Body System																									
NONE																									
Genital System																									
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	49		
Duct, Dilatation	2		2		3				3														9	2.4	

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CD Rat Female
F3 0 PPM

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 54	07 54	07 54	07 53	07 52	07 55	07 55	07 54	*TOTALS	
ANIMAL ID	0108 8	0110 3	0110 4	0110 5	0110 8	0110 9	0111 0	0111 1	0111 2	0111 3	0111 56	0111 57	0111 58	0111 59	0111 60	0111 61	0111 62	0111 63	0111 64	0111 94	0111 95	0111 96		
Inflammation	2				3		3			1	2	1	1	2			1			1	2	1	24	1.7
Parenchym Cell, Degeneration							2		2							2							4	2.0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Atrophy	3				2	2	2	2	3		3			1	2	3		3				1	28	2.3
Cyst		X		X				X										X	X				9	
Hyperplasia, Stromal		1	2				2		1	2	2			1			1		2	1			21	1.9
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Angiectasis																							1	3.0
Hyperplasia, Cystic					2	1			2		3							1	2			1	16	1.4
Hyperplasia, Focal						2																	3	2.7
Metaplasia															2								1	2.0
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	52	
Inflammation							2	2	1									1					9	1.9
Hematopoietic System																								
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Lymph Node		+					+		+	+	+	+		+				+			+	+	18	
Lumbar, Degeneration, Cystic											4	2		2								2	9	2.3
Lumbar, Hyperplasia, Lymphoid																							1	2.0
Lumbar, Infiltration Cellular, Plasma Cell		2					3		2					2				1				2	11	2.0
Mediastinal, Infiltration Cellular, Plasma Cell																							1	3.0
Popliteal, Degeneration, Cystic																							1	2.0

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CD Rat Female
F3 0 PPM

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 54	07 54	07 54	07 53	07 52	07 55	07 55	07 54		
ANIMAL ID	0108 8	0110 3	0110 4	0110 5	0110 8	0110 9	0111 0	0111 1	0111 2	0111 3	0111 56	0111 57	0111 58	0111 59	0111 60	0111 61	0111 62	0111 63	0111 64	0111 94	0111 95	0111 96	*TOTALS	
Popliteal, Infiltration Cellular, Plasma Cell																							1	4.0
Renal, Hyperplasia, Lymphoid																							1	2.0
Renal, Infiltration Cellular, Plasma Cell										2													1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Degeneration, Cystic			2																				2	2.0
Hemorrhage																							1	1.0
Infiltration Cellular, Plasma Cell	2	1		1	2	2	3	1	3		2		1	2	2	1	2		1	2		1	43	1.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Hemorrhage																							1	2.0
Infiltration Cellular, Plasma Cell									2														1	2.0
Inflammation, Granulomatous	2	1	3	2	2	2	2	1	2	2	1	2	2	2	2	2	1	3	2	1	3	1	48	1.7
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Hematopoietic Cell Proliferation					2			1	4		1	1				3		2		1			17	1.7
Lymphocyte, Atrophy																		2					3	2.3
Pigmentation	2	1		1		2					1	1	1			1	1				1	3	21	1.8
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	48	
Atrophy																3		2				1	12	2.0
Cyst	2								2		3	2			2	2		2			2	1	18	1.9
Epithel Cell, Hyperplasia																					1		2	2.0
Integumentary System																								
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Alveolus, Degeneration																3		3					3	3.0

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CD Rat Female
F3 0 PPM

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 54	07 54	07 54	07 53	07 52	07 55	07 55	07 54	*TOTALS		
ANIMAL ID	0108 8	0110 3	0110 4	0110 5	0110 8	0110 9	0111 0	0111 1	0111 2	0111 3	0111 56	0111 57	0111 58	0111 59	0111 60	0111 61	0111 62	0111 63	0111 64	0111 94	0111 95	0111 96			
Alveolus, Hyperplasia							2			1	1	1		2		1	1		2	1				19	1.4
Atypical Focus							X																	6	
Galactocele																								1	2.0
Hyperplasia																								1	3.0
Lactation	1				1		2		3		2	1	1	2	2	3	2	1	2			2		32	1.6
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Angiectasis																								1	2.0
Foot, Inflammation, Chronic	3	3	2		3		4	3	3	3	4	3	1	3	2	3		4	3	4	3	3		39	2.7
Musculoskeletal System																									
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Bone, Joint																							1		
Inflammation																								1	3.0
Skeletal Muscle																		+					1		
Cyst																		X						1	
Nervous System																									
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Compression	2						1			2	2	2		2	1	1	1			2				23	1.7
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Hydrocephalus																								1	2.0
Respiratory System																									

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

CD Rat Female
F3 0 PPM

DAY ON TEST	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 54	07 54	07 54	07 53	07 52	07 55	07 55	07 54	*TOTALS		
ANIMAL ID	0108	0110	0111	0112	0113	0114	0115	0116	0117	0118	0119	0120	0121	0122	0123	0124	0125	0126	0127	0128	0129	0130			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Infiltration Cellular, Histiocyte	1		1			1		2	1		2							3		1	1	3		16	1.7
Inflammation																								1	1.0
Mineralization																								1	2.0
Polyarteritis																								1	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Inflammation													1									1		3	1.7
Nasolacrim Dct, Inflammation																			2		4			4	2.3
Upper Molar, Inflammation																								2	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Special Senses System																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Bilateral, Lens, Cataract																								1	2.0
Bilateral, Retina, Degeneration																3						3		5	2.6
Retina, Degeneration	1		3	2	3			1				3												6	2.2
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
Epithelium, Degeneration	1		1	1							1				1	1	2	2	1	1	1			16	1.3
Hypertrophy												1			1									3	1.0
Inflammation																								1	2.0
Urinary System																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53		
Accumulation, Hyaline Droplet																								1	4.0

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CD Rat Female
F3 0 PPM

DAY ON TEST	0754	0755	0755	0755	0755	0755	0755	0755	0755	0755	0756	0756	0756	0754	0754	0754	0754	0753	0752	0755	0755	0754		
ANIMAL ID	0108	0103	0104	0105	0108	0109	0110	0111	0112	0113	0156	0157	0158	0159	0160	0161	0162	0163	0164	0194	0195	0196	*TOTALS	
Cyst		X			X		X						X					X	X	X			19	
Inflammation																				1			2	1.0
Nephropathy	1	1	2				1	1	1							1		3					19	1.6
Pelvis, Mineralization	1		1	2	1				1		1			1		2	2						17	1.4
Renal Tubule, Mineralization	2	2			2	1	1	2	2	1	1	1	1		1	1	2	2	3	2		1	43	1.7
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	53	
Hyperplasia																	3	3					2	3.0

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CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	046	496	517	527	528	525	535	532	575	592	664	677	693	698	702	711	713	734	738	751	751	751	751	751	751	751	751	751	751	752	752
ANIMAL ID	00015	00143	00173	00182	00184	00193	00196	00197	00249	00275	00399	00432	00621	00626	00719	00928	00932	00940	00943	00953	00954	00955	00956	00957	00958	00959	00960	00961	00962	01016	01017
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+										+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis															2																
Basophilic Focus													X								X					X	X				
Bile Duct, Hyperplasia		1		1	1		1							1	1		1	2	2								2	1			
Biliar Tract, Fibrosis				2								1				2				2					2						2
Degeneration, Cystic																															1
Developmental Malformation																															
Hematopoietic Cell Proliferation									1			1																			
Hepatodiaphragmatic Nodule																															
Infiltration Cellular, Lymphocyte																															
Inflammation, Chronic Active																															
Necrosis																															
Vacuolization Cytoplasmic													1												2		2		1		
Mesentery																														+	

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CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	046	496	517	527	528	525	535	532	575	592	664	677	693	698	702	711	713	734	738	751	751	751	751	751	751	751	751	751	751	752	752
ANIMAL ID	00015	00143	00173	00182	00184	00193	00196	00197	00249	00275	00399	00432	00621	00626	00719	00928	00932	00940	00943	00953	00954	00955	00956	00957	00958	00959	00960	00961	00962	01016	01017
Polyarteritis																														2	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration				3				1	1	2	1	2	1		3					4		2	2			2	4	2		2	2
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach																															
Dilatation																															
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																							1								
Inflammation																															
Keratin Cyst																															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		1		1	1			2			1	2			2	1		1	1	1	1	1	1		1		1	1	1	1	
Endocrine System																															
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule															X																
Atrophy																															
Degeneration, Cystic		2	3	1	2	2	2	2		2	3	2	3	2	2	3	1	3	2	2	2	1	2	3	1	2	2	1	1	3	2
Hyperplasia							3								1							1					2	1		1	
Hypertrophy						1			2			3	3		1		2			3				3			2	1			

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CD Rat Female
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Adrenal Medulla	M	M	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																															
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																				1			2		2						
Parathyroid Gland	M	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	M	M	M	M	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Hyperplasia													3																		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst, Squamous		1														2				1						2			1		
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Duct, Dilatation												2						2			3		3								
Hyperplasia																2															
Inflammation				2		2		3				1		2					1						1	2					
Parenchym Cell, Degeneration			2																												
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		2	2	2	3	2	2	2		3		1		3	3	3	3	2	4			2	2	3		3	1	2	2		
Cyst				X				X												X				X							X
Hyperplasia, Stromal					1		1	2		1				4	3		2	1	2	2		2	1			1	3	2	2	1	
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+

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Cyst																															
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenomyosis																															
Hyperplasia, Cystic			1			2				1			1	1	3	1	3					2		1		2	2		3		
Metaplasia		2				1								2										2							
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Inflammation			2									1					1		1												
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Myeloid Cell, Hyperplasia																															
Lymph Node															+							+		+		+	+				
Lumbar, Degeneration, Cystic																						2				4					
Lumbar, Infiltration Cellular, Plasma Cell																						2		2		2	2				
Pancreatic, Hemorrhage															2																
Renal, Degeneration, Cystic																						2									
Renal, Infiltration Cellular, Plasma Cell																						2									
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																															
Infiltration Cellular, Plasma Cell		2	2			1	1	2	2		1		2	2	2	2		2	1	1	1	2	2	1	2		2	2	2	2	3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																											1				
Inflammation, Granulomatous		1	2	2		2	2	1	1	3	2	2	1	2	2	3	1	3	1	2	2	2	3	2	2	3	3	2	2	2	2

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Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation						1			2			3														3			1		
Pigmentation		1	3	2	2		1	1			2			3	1	3	2	3	2	1					1		1	1		1	3
Thymus	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Atrophy			2	3											1																
Cyst											2			3	2	2				3	3			1					2		
Epithel Cell, Hyperplasia																								1					3		
Hemorrhage		2																													
Integumentary System																															
Mammary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Degeneration																		2													
Alveolus, Hyperplasia			2						3								1					1	4				1			1	1
Atypical Focus		X																				X	X					X	X		
Galactocele		2	2		1		2	3						2																	
Lactation		1	2	2	1		2					2		1	2	1	2	1	1			2	1	1		2	2	2	1	2	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foot, Inflammation, Chronic				1	3			3	3	1	1		3			2	3	3	3	1	1	2	3	3		4	3	3	3	3	3
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F3 5PPM TO CTL

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ANIMAL ID	00015	00143	00173	00182	00184	00193	00196	00197	00249	00275	00399	00432	00621	00626	00719	00928	00932	00940	00943	00953	00954	00955	00956	00957	00958	00959	00960	00961	00962	01016	01017
Compression		3	3	2	2		1	2	1		1	2		2	1	2	2	2	2			2		2		2		1	1		1
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																															
Atelectasis																															
Infiltration Cellular, Histiocyte				1						1	1						2	1								1			1		
Inflammation																			2				2								
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																			1												
Nasolacrim Dct, Inflammation					1			2																							
Upper Molar, Inflammation													X			X															X
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+										+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration															1			2		3											
Retina, Degeneration																	3				1		2								
Harderian Gland	M										+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration												1				1							2	1	1		2	2	1	1	
Hypertrophy											2	1			2				1												
Lacrimal Gland															+																

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

CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	046	496	517	527	528	525	535	532	575	592	664	677	693	698	702	711	713	734	738	751	751	751	751	751	751	751	751	751	751	752	752
ANIMAL ID	00015	00143	00173	00182	00184	00193	00196	00197	00249	00275	00399	00432	00621	00626	00719	00928	00932	00940	00943	00953	00954	00955	00956	00957	00958	00959	00960	00961	00962	01016	01017
Metaplasia															1																
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst					X	X						X			X					X		X	X			X		X			X
Hydronephrosis	2																														
Inflammation												1																			
Nephropathy				1	1		2						2	2	1															1	1
Pelvis, Mineralization		1	1			1				3			1		1				1							2	1		1		
Renal Tubule, Mineralization		1	1	1	2	2	1		1				2	2	1	2	1	1		1		2	2		2					1	
Urinary Bladder	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+

* ..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 Female
F3 5PPM TO CTL

DAY ON TEST	07 42	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 54	07 55	07 54		
ANIMAL ID	0103 0	0103 4	0103 5	0103 6	0103 7	0106 2	0106 3	0106 4	0108 9	0109 0	0109 1	0109 2	0109 3	0109 4	0111 4	0111 5	0111 6	0111 65	0111 66	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis													1							2	1.5
Basophilic Focus								X							X		X			7	
Bile Duct, Hyperplasia				1		1	2	1			1			1				1		18	1.2
Biliar Tract, Fibrosis		2																		7	1.9
Degeneration, Cystic							1		2											3	1.3
Developmental Malformation								X												1	
Hematopoietic Cell Proliferation																		2		3	1.3
Hepatodiaphragmatic Nodule																	X			1	
Infiltration Cellular, Lymphocyte		1												1						2	1.0
Inflammation, Chronic Active					1						2				1					3	1.3
Necrosis																	1			1	1.0
Vacuolization Cytoplasmic					2															5	1.6
Mesentery																				1	

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2) Mild 4) Marked

CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	07 42	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 54	07 55	07 54	*TOTALS		
ANIMAL ID	0103 0	0103 4	0103 5	0103 6	0103 7	0106 2	0106 3	0106 4	0108 9	0109 0	0109 1	0109 2	0109 3	0109 4	0111 4	0111 5	0111 6	0111 65	0111 66				
Polyarteritis																					1	2.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Acinar Cell, Degeneration		1	1		1	1			1	2					1						23	1.8	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49			
Stomach																		+		1			
Dilatation																		X			1		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	49			
Hyperplasia							2											1			3	1.3	
Inflammation																		2			1	2.0	
Keratin Cyst										X											1		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Cardiovascular System																							
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Cardiomyopathy			1	1	1	1	1	1	1	1				1	1		2	2	2		32	1.2	
Endocrine System																							
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Accessory Adrenal Cortical Nodule																					1		
Atrophy									4												1	4.0	
Degeneration, Cystic	2	1	1	1	1	2	2	1	4	2	2	3	2	1	1	2	3	1	2		48	1.9	
Hyperplasia	1				2		1	1		1		2						1	2		14	1.4	
Hypertrophy		1	1						4	1	3	3			1	2	2	1	2		21	2.0	

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

CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	0742	0755	0755	0755	0755	0755	0755	0755	0756	0755	0755	0755	0755	0754	0754	0755	0754	0754	0755	0754		
ANIMAL ID	010300	010304	010305	010306	010307	010062	010063	010064	010089	010090	010091	010092	010093	010094	011114	011115	011116	011165	011166	*TOTALS		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Hyperplasia, Focal					2																1	2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia																					3	1.7
Parathyroid Gland	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	41		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Pars Distalis, Hyperplasia											2						2				3	2.3
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst, Squamous							1										1	1			8	1.3
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Duct, Dilatation														2							5	2.4
Hyperplasia																					1	2.0
Inflammation			1		2	1		1	1	1			1	2		4	2				18	1.7
Parenchym Cell, Degeneration																					1	2.0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Atrophy	2	3	2	3				3	3	2		3	2	2		3		2	1		35	2.4
Cyst		X		X	X					X	X	X	X		X	X			X		15	
Hyperplasia, Stromal		3	3	2		4	1	3	2			2		3	1	2	1	1			30	2.0
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		

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

CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	074 2	075 5	075 5	075 5	075 5	075 5	075 5	075 5	075 6	075 5	075 5	075 5	075 4	075 4	075 4	075 5	075 4	075 4	075 5	075 4			
ANIMAL ID	0100 30	0100 34	0100 35	0100 36	0100 37	0100 62	0100 63	0100 64	0100 89	0100 90	0100 91	0100 92	0100 93	0100 94	0101 14	0101 15	0101 16	0101 65	0101 66	*TOTALS		
Cyst																		X			1	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Adenomyosis								3										2			2	2.5
Hyperplasia, Cystic	1	1	3	4	2			3		1				3		1	1	3			24	1.9
Metaplasia												2						1			6	1.7
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Inflammation																					4	1.3
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Myeloid Cell, Hyperplasia																		2			1	2.0
Lymph Node			+		+			+							+					9		
Lumbar, Degeneration, Cystic			3		1										3						5	2.6
Lumbar, Infiltration Cellular, Plasma Cell					1			2							3						7	2.0
Pancreatic, Hemorrhage																					1	2.0
Renal, Degeneration, Cystic																					1	2.0
Renal, Infiltration Cellular, Plasma Cell																					1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Cyst																			2		1	2.0
Infiltration Cellular, Plasma Cell	1	1	2	1	1	2	2	2	2	2	2		2	2	2		1		2		40	1.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemorrhage																					1	1.0
Inflammation, Granulomatous	1	1	3	1	2	3	2	1	1	3	1	1	2	3	2	2	1		3		47	1.9

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CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	074 2	075 5	075 5	075 5	075 5	075 5	075 5	075 5	075 6	075 5	075 5	075 5	075 4	075 4	075 5	075 4	075 4	075 5	075 4	*TOTALS		
ANIMAL ID	0100 30	0100 34	0100 35	0100 36	0100 37	0100 62	0100 63	0100 64	0100 89	0100 90	0100 91	0100 92	0100 93	0100 94	0101 14	0101 15	0101 16	0101 65	0101 66			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hematopoietic Cell Proliferation		2							1									4			8	2.1
Pigmentation	1				1	1	1	2	2	1	1	1	1		2		1		3		32	1.6
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	45		
Atrophy												1		2		2	3				7	2.0
Cyst		2		2								2		2			1	1	1		15	1.9
Epithel Cell, Hyperplasia														3		2					4	2.3
Hemorrhage																					1	2.0
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Alveolus, Degeneration																					1	2.0
Alveolus, Hyperplasia					1				1	1			1			1	1				14	1.4
Atypical Focus									X				X								7	
Galactocele																					6	2.0
Lactation	1	2	1	1	2		1	2	2	2	2	1	2	2	1	1		1	1		38	1.5
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Foot, Inflammation, Chronic	4	2		3	4	2	2	3			2	3	3	4	3	3	3				36	2.7
Musculoskeletal System																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

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CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	07 42	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 55	07 55	07 55	07 54	07 54	07 55	07 54	07 54	07 55	07 54	*TOTALS		
ANIMAL ID	0103 0	0103 4	0103 5	0103 6	0103 7	0106 2	0106 3	0106 4	0108 9	0109 0	0109 1	0109 2	0109 3	0109 4	0111 4	0111 5	0111 6	0111 65	0111 66			
Compression	2		2	2									2	1							26	1.8
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Alveolar Epith, Hyperplasia																			2		1	2.0
Atelectasis															2						1	2.0
Infiltration Cellular, Histiocyte				1						1								1			10	1.1
Inflammation	2																				3	2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation	2																				2	1.5
Nasolacrim Dct, Inflammation																					2	1.5
Upper Molar, Inflammation											X						X		X		6	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41		
Bilateral, Retina, Degeneration					3	3				2	3			3	3						9	2.6
Retina, Degeneration																	2				4	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40		
Epithelium, Degeneration					2	2		1	2		1			1		3	2				17	1.5
Hypertrophy																	1				5	1.4
Lacrimal Gland																				1		

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CD Rat Female
F3 5PPM TO CTL

DAY ON TEST	0742	0755	0755	0755	0755	0755	0755	0755	0756	0755	0755	0755	0754	0754	0754	0755	0754	0754	0755	0754	*TOTALS	
ANIMAL ID	01030	01034	01035	01036	01037	01062	01063	01064	01089	01090	01091	01092	01093	01094	01114	01115	01116	01165	01166			
Metaplasia																					1	1.0
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst	X	X	X	X						X	X								X		17	
Hydronephrosis																					1	2.0
Inflammation																					1	1.0
Nephropathy					1		1	2	2				1				1				14	1.4
Pelvis, Mineralization	1								2			2	1	1	2	1	1	2			19	1.4
Renal Tubule, Mineralization	1	1	2	2	1	3	1	3	2	2		1	1		2	2	1				33	1.5
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	47		

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	037	055	058	060	060	061	061	063	064	064	066	067	067	068	068	068	068	071	072	072	073	074	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	00095	00222	00266	00292	00293	00313	00314	00355	00358	00373	00412	00423	00426	00442	00454	00456	00931	00935	00937	00945	00949	00963	00964	01018	01019	01020	01021	01022	01023	01024	01025
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum											+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	A	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																																
Basophilic Focus			X												X												X				X
Bile Duct, Hyperplasia				2							1	1		2					2	2					1						2
Biliar Tract, Fibrosis													1	2			2									2					
Cyst		X										X																			
Developmental Malformation			X																												
Eosinophilic Focus																																
Hematopoietic Cell Proliferation															1												2					
Hemorrhage					1																											
Hepatodiaphragmatic Nodule																						X										
Infiltration Cellular, Lymphocyte		1																														
Inflammation, Chronic Active																						1										
Mixed Cell Focus																		X														

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2) Mild 4) Marked

CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	037 5	055 9	058 8	060 5	060 5	061 6	061 8	063 5	064 1	064 8	066 5	067 4	067 8	068 3	068 6	068 8	071 2	072 0	072 8	073 6	074 4	075 1	075 0	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	00095	00222	00266	00292	00293	00313	00314	00355	00358	00373	00412	00423	00426	00442	00454	00456	00931	00935	00937	00945	00949	00963	00964	01018	01019	01020	01021	01022	01023	01024	01025
Pigmentation																															
Vacuolization Cytoplasmic				1	2	2	2		3									2			1		1								
Vacuolization Cytoplasmic, Focal														X																	
Mesentery																									+						
Fat, Necrosis																									2						
Oral Mucosa																								+							
Keratin Cyst																								X							
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration			2					2					1					1	2						1				1		1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy									3																						
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia															3																
Ulcer			3												4		3														
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization						2																									
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization					1	2																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		1	1	1		3		1				1	2	1	1			1					1		1					1	1
Mineralization					1	3																									

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	037	055	058	060	060	061	061	063	064	064	066	067	067	068	068	068	071	072	072	073	074	075	075	075	075	075	075	075	075	075	075
ANIMAL ID	00095	00222	00266	00292	00293	00313	00314	00355	00358	00373	00412	00423	00426	00442	00454	00456	00931	00935	00937	00945	00949	00963	00964	00964	01018	01019	01020	01021	01022	01023	01024	01025
Endocrine System																																
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																																
Degeneration, Cystic		1		2	1	3	2	2	1	2	2	2	2	2	1	2	1	2	2	1	2	2	1	2	2	1	2	2	2	1	3
Hematopoietic Cell Proliferation					1																										
Hyperplasia							2		1		1				1	1	2					2								2		2
Hypertrophy			3				2			1			1	3			1			2	2				2			3	3		3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal		2				2				1					1								1									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia								1																						1		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Hyperplasia, Diffuse						3																										
Hyperplasia, Focal		1																														
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																										X				X		
Pars Distalis, Hyperplasia	3																									2		2				1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst, Squamous	1																1	2					1									
General Body System																																
NONE																																

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2) Mild 4) Marked

CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	037 5	055 9	058 8	060 5	060 5	061 6	061 8	063 5	064 1	064 8	066 5	067 4	067 8	068 3	068 6	068 8	071 2	072 0	072 8	073 6	074 4	075 1	075 0	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	00095	00222	00266	00292	00293	00313	00314	00355	00358	00373	00412	00423	00426	00442	00454	00456	00931	00935	00937	00945	00949	00963	00964	01018	01019	01020	01021	01022	01023	01024	01025
Genital System																															
Clitoral Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation									2																				3	3	
Hyperplasia																							1								
Inflammation			2	2		3	3						1	1	2	1	2	1	2	1	1		2	2		1		2	1		1
Parenchym Cell, Degeneration																															
Ovary	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy				2	2	1	2	2	1		3	2	2	1	2	2	2			2		2		2	3	2		2	2	2	
Cyst		X						X							X			X	X									X	X		
Hyperplasia, Stromal					1	2			1		1		1				1		1		2			2	2		1		2		2
Oviduct	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy										2																					
Hyperplasia, Stromal										1																					
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenomyosis																									2						
Hemorrhage																													2		
Hyperplasia, Cystic								3		1		1	1	2			2	1		2				2	2	1	3	3	3	3	
Metaplasia		1								1	1		1							3											
Vagina	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation						1			3									2		1	1										
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	037	055	058	060	060	061	061	063	064	064	064	066	067	067	068	068	068	071	072	072	073	074	075	075	075	075	075	075	075	075	075
ANIMAL ID	00095	00222	00266	00292	00293	00313	00314	00355	00358	00373	00412	00423	00426	00442	00454	00456	00456	00931	00935	00937	00945	00949	00963	00964	01018	01019	01020	01021	01022	01023	01024	01025
Hypocellularity																			3													
Myeloid Cell, Hyperplasia																																
Lymph Node	+									+						+				+							+				
Lumbar, Degeneration, Cystic																3																
Lumbar, Infiltration Cellular, Plasma Cell										2										2							2					
Renal, Degeneration, Cystic																																
Renal, Infiltration Cellular, Plasma Cell																																
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage								1																								
Infiltration Cellular, Plasma Cell		2	2	1		2	2	1	1	1	1	2	1	1	2	2	2	2	2		2	1	2		2	1	1	2		2		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																																
Inflammation, Granulomatous		2		2	2		1	2	1	2	2	1	1	2	2	1	2	2	2	2	2	2	2	3		2	2	1	1	2		3
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation						2									2								1	2				4				
Lymphocyte, Atrophy					2														3													
Pigmentation			1		2		2	2	3	3		3		2	2		2	2	3	2	2	1		2	1			1	1	2	1
Thymus	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Atrophy			2		4				2				2	1			2	1	3	3												
Cyst								2					4				1								1	2		2		2		
Ectopic Thyroid																																
Integumentary System																																

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	037 5	055 9	058 8	060 5	060 5	061 6	061 8	063 5	064 1	064 8	066 5	067 4	067 8	068 3	068 6	068 8	071 2	072 0	072 8	073 6	074 4	075 1	075 0	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	0009 5	0022 2	0026 6	0029 2	0029 3	0031 3	0031 4	0035 5	0035 8	0037 3	0041 2	0042 3	0042 6	0044 2	0045 4	0045 6	0093 1	0093 5	0093 7	0094 5	0094 9	0096 3	0096 4	0101 8	0101 9	0102 0	0102 1	0102 2	0102 3	0102 4	0102 5
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Degeneration						2																									
Alveolus, Hyperplasia			2						2					2	1				1			3					1				
Atypical Focus										X												X									
Galactocele																						3									
Lactation			2	2		1	2	1	2	2	1		1	1	2	2	1	2	1	2	1	3	2	2		2	1	1	3	2	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																			X												
Foot, Inflammation, Chronic						3	1		1	3	2	3	4	2	2	1	3	3	3				3	3	2	3		3	2	3	2
Musculoskeletal System																															
Bone														+																	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Osteodystrophy						X																									
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression		2	1	2		1	3	2	1	1		2	1	3	2	2	2	2		2	2	3				2			3		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus							1																								
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	037 5	055 9	058 8	060 5	060 5	061 6	061 8	063 5	064 1	064 8	066 5	067 4	067 8	068 3	068 6	068 8	071 2	072 0	072 8	073 6	074 4	075 1	075 0	075 1	075 1	075 1	075 1	075 1	075 1	075 1	075 1
ANIMAL ID	00095	00222	00266	00292	00293	00313	00314	00355	00358	00373	00412	00423	00426	00442	00454	00456	00931	00935	00937	00945	00949	00963	00964	01018	01019	01020	01021	01022	01023	01024	01025
Alveolar Epith, Hyperplasia									2																						
Hemorrhage						2																									
Infiltration Cellular, Histiocyte						3					2	1		1			1			2		1	1								
Inflammation						2	2									1															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation							2										3												2		
Keratin Cyst																	X														
Nasolacrim Dct, Inflammation				1																											
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye											+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration															3									3							
Retina, Degeneration																											3				
Harderian Gland											+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration																					3		1						1		
Hypertrophy													1		1							1									
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst		X	X	X	X			X			X	X			X	X			X							X	X	X		X		
Hydronephrosis													3																		
Infarct																															
Nephropathy		1				4	1	1				1			2							2		1	2			1		1	

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	0375	0559	0588	0605	0605	0616	0618	0635	0641	0648	0665	0674	0678	0683	0686	0688	0712	0720	0728	0736	0744	0751	0750	0751	0751	0751	0751	0751	0751	0751	0751	0751
ANIMAL ID	00095	00222	00266	00292	00293	00313	00314	00355	00358	00373	00412	00423	00426	00442	00454	00456	00931	00935	00937	00945	00949	00963	00964	01018	01019	01020	01021	01022	01023	01024	01025
Pelvis, Mineralization		1	2				1				2	1		1		1	1			1	1	2			1			3	2	2	
Renal Tubule, Mineralization	1	1	2	1	2		2	1	2		2	2		1	2	2	1	2	2	2	1	1	1	2	1	2	2	1	2		2
Urinary Bladder	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07555	07555	07544	07555	07555	07555	07555	07555	07555	07555	07555	07556	07556	07556	07556	07556	07556	07544	07556		
ANIMAL ID	01038	01039	01040	01106	01117	01118	01119	01120	01121	01122	01123	01126	01127	01128	01129	01155	01167	01168	01197	*TOTALS	
Alimentary System																					
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis				1																1	1.0
Basophilic Focus			X						X											6	
Bile Duct, Hyperplasia	2	1	1	1						2							2			14	1.6
Biliar Tract, Fibrosis																				4	1.8
Cyst		X																		3	
Developmental Malformation																				1	
Eosinophilic Focus																			X	1	
Hematopoietic Cell Proliferation						1							1							4	1.3
Hemorrhage																				1	1.0
Hepatodiaphragmatic Nodule																				1	
Infiltration Cellular, Lymphocyte				1	1			3												4	1.5
Inflammation, Chronic Active	3																		1	3	1.7
Mixed Cell Focus																				1	

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07 55 5	07 55 5	07 54 4	07 55 5	07 55 5	07 55 5	07 55 5	07 55 5	07 55 5	07 55 5	07 55 5	07 55 6	07 55 6	07 55 6	07 55 6	07 55 6	07 55 6	07 54 4	07 55 6		
ANIMAL ID	0110 38	0110 39	0110 40	0111 06	0111 17	0111 18	0111 19	0111 20	0111 21	0111 22	0111 23	0111 26	0111 27	0111 28	0111 29	0111 55	0111 67	0111 68	0119 97	*TOTALS	
Pigmentation																	2			1	2.0
Vacuolization Cytoplasmic													1							9	1.7
Vacuolization Cytoplasmic, Focal																				1	
Mesentery																				1	
Fat, Necrosis																				1	2.0
Oral Mucosa																				1	
Keratin Cyst																				1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinar Cell, Degeneration			1	2	1			2	2		1	1		1			3	1	2	19	1.5
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																				1	3.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia																				1	3.0
Ulcer																				3	3.3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mineralization																				1	2.0
Cardiovascular System																					
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mineralization																				2	1.5
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	1	1	1	1	2	2	2		2	2		1	1							25	1.3
Mineralization																				2	2.0

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07555	07555	07544	07555	07555	07555	07555	07555	07555	07555	07555	07556	07556	07556	07556	07556	07556	07544	07556		
ANIMAL ID	01038	01039	01040	01106	01117	01118	01119	01120	01121	01122	01123	01126	01127	01128	01129	01155	01167	01168	01197	*TOTALS	
Endocrine System																					
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Angiectasis																	2			1	2.0
Degeneration, Cystic	2	2	2	2	2	2	2		2	1	1	2	2	2	3	3		2		45	1.8
Hematopoietic Cell Proliferation																				1	1.0
Hyperplasia									1	1			2		2					13	1.5
Hypertrophy	3	2	2			3	2		1		1	3	3					4		22	2.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia, Focal		2														2				7	1.6
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia											1									3	1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	47	
Hyperplasia, Diffuse																				1	3.0
Hyperplasia, Focal										2										2	1.5
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst																				2	
Pars Distalis, Hyperplasia																				4	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst, Squamous				1	1								1							7	1.1
General Body System																					
NONE																					

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

CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07555	07555	07544	07555	07555	07555	07555	07555	07555	07555	07555	07556	07556	07556	07556	07556	07556	07544	07556			
ANIMAL ID	01038	01039	01040	01106	01117	01118	01119	01120	01121	01122	01123	01126	01127	01128	01129	01155	01167	01168	01197	*TOTALS		
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Duct, Dilatation	2	2					2		1	3											8	2.3
Hyperplasia												1									2	1.0
Inflammation		2	1		1			1	1			1	1	1		1			3		29	1.5
Parenchym Cell, Degeneration															2						1	2.0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy	2	2	2			2		2	3	2					2	2		2	2		32	2.0
Cyst	X		X	X	X		X	X	X				X			X					16	
Hyperplasia, Stromal	1	1	1			3	1		1	1	1	2	2		2	1		2	2		27	1.5
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy																					1	2.0
Hyperplasia, Stromal																					1	1.0
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Adenomyosis																					1	2.0
Hemorrhage																					1	2.0
Hyperplasia, Cystic	2	2		3		1			1	2		3			3			2			24	2.0
Metaplasia																					5	1.4
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Inflammation																					5	1.6
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

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

CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 56	07 56	07 54	07 56		
ANIMAL ID	0103 8	0103 9	0104 0	0111 06	0111 17	0111 18	0111 19	0111 20	0111 21	0111 22	0111 23	0111 26	0111 27	0111 28	0111 29	0111 55	0111 67	0111 68	0119 7	*TOTALS	
Hypocellularity																				1	3.0
Myeloid Cell, Hyperplasia											2									1	2.0
Lymph Node				+					+			+								8	
Lumbar, Degeneration, Cystic				2					2			3								4	2.5
Lumbar, Infiltration Cellular, Plasma Cell				2					2			2								6	2.0
Renal, Degeneration, Cystic									2											1	2.0
Renal, Infiltration Cellular, Plasma Cell									2											1	2.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage																				1	1.0
Infiltration Cellular, Plasma Cell	1	2	1	2	2	2	2	2	2	2	1	2			1	2	2	1	2	42	1.6
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration, Cystic								3												1	3.0
Inflammation, Granulomatous	2	3	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	45	1.9
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation				1							1									7	1.9
Lymphocyte, Atrophy																				2	2.5
Pigmentation	3	2		1	1				1	2			1	1			1	3	3	32	1.8
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46	
Atrophy												2								10	2.2
Cyst	1			1		1						2		2			1			13	1.7
Ectopic Thyroid								X												1	
Integumentary System																					

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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07555	07555	07544	07555	07555	07555	07555	07555	07555	07555	07555	07556	07556	07556	07556	07556	07556	07544	07556		
ANIMAL ID	01038	01039	01040	01106	01117	01118	01119	01120	01121	01122	01123	01126	01127	01128	01129	01155	01167	01168	01197	*TOTALS	
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolus, Degeneration																				1	2.0
Alveolus, Hyperplasia		1	2	3	1		1	1		1		1	1	1					2	18	1.5
Atypical Focus										X					X					4	
Galactocele																				1	3.0
Lactation	2	2	3	2		2	2	1	1	2		2	1	2	2	2	2	2	2	43	1.7
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst Epithelial Inclusion																				1	
Foot, Inflammation, Chronic		2	3	3	3	2		2	3	1	3	4	3	2	2	4	2	3		37	2.5
Musculoskeletal System																					
Bone																				1	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Fibrous Osteodystrophy																				1	
Nervous System																					
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Compression	2	2	1			2			2	2							2		2	28	1.9
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydrocephalus																				1	1.0
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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1-4 ..Lesion qualified as:
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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 56	07 56	07 54	07 56		
ANIMAL ID	0103 8	0103 9	0104 0	0110 6	0111 7	0111 8	0111 9	0112 0	0112 1	0112 2	0112 3	0112 6	0112 7	0112 8	0112 9	0115 5	0116 7	0116 8	0119 7	*TOTALS	
Alveolar Epith, Hyperplasia																				1	2.0
Hemorrhage																				1	2.0
Infiltration Cellular, Histiocyte	1						1			1			1	1						13	1.3
Inflammation																				3	1.7
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																				3	2.3
Keratin Cyst																				1	
Nasolacrim Dct, Inflammation																				1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Special Senses System																					
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40	
Bilateral, Retina, Degeneration					3	2										3	3			6	2.8
Retina, Degeneration																				1	3.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40	
Epithelium, Degeneration		2		1	1			1		1		2					1			10	1.4
Hypertrophy			1															1		5	1.0
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst	X					X	X	X									X			19	
Hydronephrosis																				1	3.0
Infarct																	1			1	1.0
Nephropathy	1	1	1	2		2	1		1	1						2		1		21	1.4

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1-4 ..Lesion qualified as:
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CD Rat Female
F3 100PPM TO CTL

DAY ON TEST	07 55	07 55	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 56	07 56	07 56	07 56	07 56	07 56	07 54	07 56		
ANIMAL ID	0103 8	0103 9	0104 0	0110 6	0111 7	0111 8	0111 9	0112 0	0112 1	0112 2	0112 3	0112 6	0112 7	0112 8	0112 9	0115 5	0116 7	0116 8	0119 7	*TOTALS		
Pelvis, Mineralization		1	2	1	2	2		1	2			2	1		2	2	1		3	28	1.6	
Renal Tubule, Mineralization	2	2	3	2	2	2	3	2	1	1		1	1	2		1	2		2	43	1.7	
Urinary Bladder	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	48		

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	0324	0494	0495	0525	0527	0547	0559	0589	0591	0631	0640	0650	0665	0668	0667	0669	0676	0689	0686	0697	0707	0706	0732	0736	0751	0751	0751	0751	0752	0751
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum													+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis						1																									
Atypical Cells																															
Basophilic Focus									X	X																					X
Bile Duct, Hyperplasia									1		1		1									2						1	1		2
Clear Cell Focus														X																	
Congestion																							3								
Cyst																															
Degeneration, Cystic																															
Developmental Malformation	X																														
Eosinophilic Focus																													X		
Hematopoietic Cell Proliferation																									1					1	
Hepatodiaphragmatic Nodule	X																												X		
Infiltration Cellular, Lymphocyte																												1			

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	0324	0494	0495	0525	0527	0547	0559	0589	0591	0631	0640	0650	0665	0668	0667	0669	0676	0689	0686	0697	0707	0706	0732	0736	0751	0751	0751	0751	0751	0752	0751
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Inflammation, Chronic Active												1				1								2		2						
Necrosis																								2								
Oval Cell, Hyperplasia																																
Vacuolization Cytoplasmic										2									3													
Oral Mucosa																								+								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinar Cell, Degeneration					1		1			3										1								1	1			
Polyarteritis																																
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy										2									3													
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																			1													
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																																
Cardiovascular System																																
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization							2																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium Lft, Thrombosis																																
Atrium Rgt, Dilatation																																
Cardiomyopathy		1			1	1	1		1	1		1			1	1		1				1	1	1	1			1		2	
Endocrine System																																

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	03/24	04/94	04/95	05/25	05/27	05/47	05/59	05/89	05/91	06/31	06/40	06/50	06/65	06/68	06/67	06/69	06/76	06/89	06/86	06/97	07/07	07/06	07/32	07/36	07/51	07/51	07/51	07/51	07/51	07/52	07/51
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																															
Degeneration, Cystic		2	2	1	2	2	1	2	2	1	1	2	2	3	3	3		3	1	3	2	2	3	1	2	2	2	2	2	3	3
Hyperplasia							1			3			1							1		1		1	2			1	2		
Hypertrophy									2				1	3		4		3		3	1			1	1	1		1		2	1
Vacuolization Cytoplasmic																														3	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																2						1									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																															
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte																											1				
Pars Distalis, Hyperplasia													2										2							2	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C Cell, Hyperplasia																															
Cyst, Squamous			1				2												2				2								
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Duct, Dilatation															2													3	2		2

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	03/24	04/94	04/95	05/25	05/27	05/47	05/59	05/89	05/91	06/31	06/40	06/50	06/65	06/68	06/67	06/69	06/76	06/89	06/86	06/97	07/07	07/06	07/32	07/36	07/51	07/51	07/51	07/51	07/51	07/52	07/51
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Hyperplasia							2																	1							
Inflammation	2	3			2	1	2		1	3		2	1	3	3	1		1	3	1	4	3	1		1		1	3	1		2
Parenchym Cell, Degeneration			1			2																		2			2				
Vacuolization Cytoplasmic				3																											
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	2	2	3		2	3		3	2	3	3	2	2	2	1	2		2		3	2	3		3		2	3			2	3
Cyst	X					X		X		X			X							X	X			X							
Hyperplasia, Stromal					1		2	1	2		3		2	2		2			3	2						1		1		2	1
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenomyosis																													1		
Hyperplasia, Cystic			1			1	2					3	1	2						2			2		1	1	3		1		2
Metaplasia							1								1					2		3									
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation						1				2								2	3					2							
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypocellularity																			3								2				
Myeloid Cell, Hyperplasia							3																								
Lymph Node															+	+		+				+	+							+	
Lumbar, Degeneration, Cystic																														3	
Lumbar, Infiltration Cellular, Plasma Cell															2	2		2												2	

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BLANK ..Not examined microscopically
2) Mild 4) Marked

CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	03/24	04/04	04/05	05/25	05/27	05/47	05/59	05/89	05/91	06/31	06/40	06/50	06/65	06/68	06/67	06/69	06/76	06/89	06/86	06/97	07/07	07/06	07/32	07/36	07/51	07/51	07/51	07/51	07/51	07/52	07/51
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Mediastinal, Hemorrhage																							2								
Mediastinal, Infiltration Cellular, Plasma Cell																							2								
Pancreatic, Hemorrhage																							2								
Popliteal, Infiltration Cellular, Plasma Cell																							3								
Renal, Infiltration Cellular, Plasma Cell																1															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic									1				2																		
Infiltration Cellular, Plasma Cell	1	2	3		1	2	2	1	2		2		2	2	2	2		2			2	2	1	2	2	1	2	3	2	2	2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic																												2			
Hemorrhage																															
Infiltration Cellular, Plasma Cell																												2			
Inflammation, Granulomatous			2	1	2	2	2	2		2	1	2	2	1	1	2		2	2	1	2	2	3		2	2	2	2	2	2	2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation														1		1							2	3							
Lymphocyte, Atrophy																			3												
Pigmentation			1		3	1		2			1	3		1		1			4					1	2	3	2	2	1		2
Red Pulp, Atrophy																											2				
Thymus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy					3										2				4										2		
Cyst			1				2					2		2	1				1	2									2		1
Epithel Cell, Hyperplasia																										2					
Hemorrhage			2	3																											

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	0324	0494	0495	0525	0527	0547	0559	0589	0591	0631	0640	0650	0665	0668	0667	0669	0676	0689	0686	0697	0707	0706	0732	0736	0751	0751	0751	0751	0751	0752	0751
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolus, Degeneration																										1					
Alveolus, Hyperplasia										1						1			2						1					1	1
Atypical Focus																															X
Galactocele									3																						
Hyperplasia																															
Lactation		1	1	1		1	1			2		1						2	2		1	1		1	1	2		2	1	2	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																															
Foot, Inflammation, Chronic		3		3	1			1		4		3			4	2	2	4	2			3	3	2	2			3	3	3	2
Musculoskeletal System																															
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Compression			2				1	3	1	2	3	3			2	2		3		2	2	2		2		1			3		2
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus			1															2			2										
Respiratory System																															
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	03 24	04 94	04 95	05 25	05 27	05 47	05 59	05 89	05 91	06 31	06 40	06 50	06 65	06 68	06 67	06 69	06 76	06 89	06 86	06 97	07 07	07 06	07 32	07 36	07 51	07 51	07 51	07 51	07 52	07 51
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte																							1					2	2		
Inflammation											3																				
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation					2						2																				
Nasolacrim Dct, Inflammation		2			1																										
Upper Molar, Inflammation																			X												
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye					+								+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Lens, Cataract					1																										
Bilateral, Retina, Degeneration																							1	3							
Lens, Cataract																															
Retina, Degeneration																												3			1
Harderian Gland					+								+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Degeneration														1		1		2	1	1	1	1			1		2	1	1	1	2
Hypertrophy																															
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst							X	X	X							X						X					X		X		
Epithelium, Pelvis, Hyperplasia																															
Hydronephrosis																				4											

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	03/24	04/94	04/95	05/25	05/27	05/47	05/59	05/89	05/91	06/31	06/40	06/50	06/65	06/68	06/67	06/69	06/76	06/89	06/86	06/97	07/07	07/06	07/32	07/36	07/51	07/51	07/51	07/51	07/51	07/52	07/51
ANIMAL ID	00067	00141	00142	00181	00183	00205	00223	00260	00276	00340	00371	00375	00411	00414	00415	00416	00428	00452	00455	00625	00861	00927	00939	00941	00965	00966	00967	00968	00969	01026	01027
Infarct																													1		
Inflammation						1																									1
Nephropathy	1		1				2		2	2	1				1	2		1		4		1									
Pelvis, Mineralization		1			1	1	1				1	1	1		1			1			1	1	1				1				
Renal Tubule, Mineralization	1		2	2		3	2		2		1	1	2	2		1		2	2			2	1		2		2				
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Hyperplasia																															
Inflammation																															

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07 51	07 49	07 54	07 54	07 54	07 54	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 53	07 52	07 53		
ANIMAL ID	0102 08	0102 09	0104 01	0104 02	0104 03	0106 05	0109 05	0109 06	0109 07	0111 07	0111 24	0111 25	0111 69	0111 70	0111 71	0111 72	0111 73	0111 74	0111 98	*TOTALS		
Alimentary System																						
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Angiectasis									2	3										3	2.0	
Atypical Cells									3											1	3.0	
Basophilic Focus										X									X	5		
Bile Duct, Hyperplasia				1				1			2	1	1		1		2	1	1	16	1.3	
Clear Cell Focus																				1		
Congestion																			2	2	2.5	
Cyst													X							1		
Degeneration, Cystic									3											1	3.0	
Developmental Malformation																				1		
Eosinophilic Focus		X								X									X	4		
Hematopoietic Cell Proliferation	1																			3	1.0	
Hepatodiaphragmatic Nodule		X																		3		
Infiltration Cellular, Lymphocyte					1										1					3	1.0	

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07 51	07 49	07 54	07 54	07 54	07 54	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 53	07 52	07 53		
ANIMAL ID	0102 08	0102 09	0104 01	0104 02	0104 03	0106 05	0109 05	0109 06	0109 07	0111 07	0111 24	0111 25	0111 69	0111 70	0111 71	0111 72	0111 73	0111 74	0111 98	*TOTALS		
Inflammation, Chronic Active			1																	5	1.4	
Necrosis										2										2	2.0	
Oval Cell, Hyperplasia									3											1	3.0	
Vacuolization Cytoplasmic														3					1	4	2.3	
Oral Mucosa																				1		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Acinar Cell, Degeneration	1	1		1	3				2		3	1			1	1	2	3	1	18	1.6	
Polyarteritis			1																	1	1.0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy																				2	2.5	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hyperplasia																				1	1.0	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Erosion																	2			1	2.0	
Cardiovascular System																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Mineralization																				1	2.0	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrium Lft, Thrombosis									X											1		
Atrium Rgt, Dilatation										2										1	2.0	
Cardiomyopathy		1	1	1					2	1	1	1			1		1		2	26	1.1	
Endocrine System																						

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07 51	07 49	07 54	07 54	07 54	07 54	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 53	07 52	07 53		
ANIMAL ID	0102 8	0102 9	0104 1	0104 2	0104 3	0106 5	0109 5	0109 6	0109 7	0110 7	0111 2	0111 2	0111 6	0111 7	0111 7	0111 7	0111 7	0111 7	0111 7	0111 9	*TOTALS	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Atrophy													3								1	3.0
Degeneration, Cystic	3	2	3	3	3	2	2	3	3	3	2	1	2	3		1	3	1	2		47	2.2
Hyperplasia		2				1				2	2			1		1		1			16	1.4
Hypertrophy				1		3		2	3			3	3		1	1		1	3		23	2.0
Vacuolization Cytoplasmic										4											2	3.5
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hyperplasia, Focal			2			2			3	2					1						7	1.9
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hyperplasia													1								1	1.0
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Histiocyte																					1	1.0
Pars Distalis, Hyperplasia												3						1	4		6	2.3
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
C Cell, Hyperplasia			2				1												2		3	1.7
Cyst, Squamous			1																		5	1.6
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Duct, Dilatation							1						3	2		2					8	2.1

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07 51	07 49	07 54	07 54	07 54	07 54	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 53	07 52	07 53		
ANIMAL ID	0102 8	0102 9	0104 1	0104 2	0104 3	0106 5	0109 5	0109 6	0109 7	0111 0 7	0111 2 4	0111 2 5	0111 6 9	0111 7 0	0111 7 1	0111 7 2	0111 7 3	0111 7 4	0111 9 8	*TOTALS		
Hyperplasia								1												3	1.3	
Inflammation	1		1		1							2	1	2	1	2			1	32	1.8	
Parenchym Cell, Degeneration										3			3		2		2			8	2.1	
Vacuolization Cytoplasmic																				1	3.0	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy		3	3		2	2	2	2	3	2	2	1	4	3	2	2	3		3	39	2.4	
Cyst		X	X	X	X			X	X			X			X					16		
Hyperplasia, Stromal	1		1	1		2	1						1		2	2	2		2	24	1.7	
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Adenomyosis									2											2	1.5	
Hyperplasia, Cystic					2	1	1		3	1	3	3			1	2	1		2	24	1.8	
Metaplasia			2																1	6	1.7	
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	48		
Inflammation		1															1			7	1.7	
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hypocellularity		2							2											4	2.3	
Myeloid Cell, Hyperplasia																				1	3.0	
Lymph Node						+		+	+				+			M	+		+	12		
Lumbar, Degeneration, Cystic						2		3									1			4	2.3	
Lumbar, Infiltration Cellular, Plasma Cell						3		2	2				2				2		2	10	2.1	

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07 51	07 49	07 54	07 54	07 54	07 54	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 53	07 52	07 53		
ANIMAL ID	0102 08	0102 09	0104 01	0104 02	0104 03	0106 05	0109 05	0109 06	0109 07	0110 07	0111 24	0111 25	0111 69	0111 70	0111 71	0111 72	0111 73	0111 74	0111 98	*TOTALS		
Mediastinal, Hemorrhage																				1	2.0	
Mediastinal, Infiltration Cellular, Plasma Cell									2											2	2.0	
Pancreatic, Hemorrhage									2											2	2.0	
Popliteal, Infiltration Cellular, Plasma Cell																				1	3.0	
Renal, Infiltration Cellular, Plasma Cell																				1	1.0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Degeneration, Cystic													1							3	1.3	
Infiltration Cellular, Plasma Cell	2	2	2	1	1		2	2	2	3	3		2	2	2	1	2	1	2	42	1.9	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Degeneration, Cystic																				1	2.0	
Hemorrhage								3												1	3.0	
Infiltration Cellular, Plasma Cell																				1	2.0	
Inflammation, Granulomatous	2	2	2	3	2	1	2		3	2	2	2	1	2	2	2	2	2	2	44	1.9	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hematopoietic Cell Proliferation	1						2		1	2				2				1		10	1.6	
Lymphocyte, Atrophy		2																	2	3	2.3	
Pigmentation		3	2	2	2			2	1		2		3	3	1	2	2	1	2	30	1.9	
Red Pulp, Atrophy																				1	2.0	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy		3								3		1		2			2			9	2.4	
Cyst				2			3	2		2			2				2	2	2	17	1.8	
Epithel Cell, Hyperplasia												2								2	2.0	
Hemorrhage																				2	2.5	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild 4) Marked

CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07/51	07/49	07/54	07/54	07/54	07/54	07/54	07/54	07/54	07/55	07/55	07/55	07/55	07/55	07/55	07/55	07/53	07/53	07/52	07/53			
ANIMAL ID	0102 8	0102 9	0104 1	0104 2	0104 3	0106 5	0109 5	0109 6	0109 7	0110 7	0111 24	0111 25	0111 69	0111 70	0111 71	0111 72	0111 73	0111 74	0111 98	*TOTALS		
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Alveolus, Degeneration										3			2	1			2				5	1.8
Alveolus, Hyperplasia			1	3		2	1		2	1	1				4		1	1	1		17	1.5
Atypical Focus			X				X		X						X						5	
Galactocele											3			3							3	3.0
Hyperplasia					2																1	2.0
Lactation		1	2		1	2	2	2	1	3	1	1		1	1	1	2		2		33	1.5
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst Epithelial Inclusion											X										1	
Foot, Inflammation, Chronic	3	1	1	3	3	4	2	2	2		3	3	2	2		2	3		3		35	2.5
Musculoskeletal System																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Nervous System																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Compression		1	1	2	2	2		1	1	1				2	3	2	2				29	1.9
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hydrocephalus																					3	1.7
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07 51	07 49	07 54	07 54	07 54	07 54	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 53	07 52	07 53		
ANIMAL ID	0102 8	0102 9	0104 1	0104 2	0104 3	0106 5	0109 5	0109 6	0109 7	0110 7	0111 24	0111 25	0111 69	0111 70	0111 71	0111 72	0111 73	0111 74	0111 98	*TOTALS		
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Infiltration Cellular, Histiocyte	1	2		1		1			2	1	1		2				1	1	2		14	1.4
Inflammation																					1	3.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Inflammation														2							3	2.0
Nasolacrim Dct, Inflammation													2								3	1.7
Upper Molar, Inflammation																					1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38		
Bilateral, Lens, Cataract																					1	1.0
Bilateral, Retina, Degeneration				3																	3	2.3
Lens, Cataract		2																			1	2.0
Retina, Degeneration		2				2				3											5	2.2
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38		
Epithelium, Degeneration	1				1			1	1		1		2		1				1		21	1.2
Hypertrophy		2	1																		2	1.5
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Cyst						X	X	X			X							X			12		
Epithelium, Pelvis, Hyperplasia															2						1	2.0
Hydronephrosis																					1	4.0

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CD Rat Female
F3 500PPM TOCTL

DAY ON TEST	07 51	07 49	07 54	07 54	07 54	07 54	07 54	07 54	07 54	07 55	07 55	07 55	07 55	07 55	07 55	07 55	07 53	07 53	07 52	07 53		
ANIMAL ID	0102 8	0102 9	0104 1	0104 2	0104 3	0106 5	0109 5	0109 6	0109 7	0110 7	0111 24	0111 25	0111 69	0111 70	0111 71	0111 72	0111 73	0111 74	0111 98	*TOTALS		
Infarct																				1	1.0	
Inflammation						1					1				2					5	1.2	
Nephropathy			2		1			1	2	3		1							1	18	1.6	
Pelvis, Mineralization	1	1	1		1			2	1		2	1			2		1	1		24	1.1	
Renal Tubule, Mineralization		2	2			1	1	2			2	2	2			2		2		27	1.8	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	47		
Hyperplasia															3					1	3.0	
Inflammation															2					1	2.0	

** END OF REPORT **

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