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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Experiment Number: 99930-94
Test Type: SPECIAL STUDY
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: 17:33:10
First Dose M/F: NA / NA
Lab: NCTR

CD Rat Male
F1 0PPM

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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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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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CD Rat Male
F1 0PPM

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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
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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CD Rat Male
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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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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
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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
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 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	
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	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, 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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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	
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	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	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	*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
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ANIMAL ID	00 60 4	00 60 5	00 63 8	00 63 9	00 65 6	00 65 7	00 68 3	00 68 4	00 69 3	00 69 9	00 71 3	00 71 4	00 74 2	00 77 5	00 77 8	00 77 9	00 79 6	00 80 3	00 85 4	00 85 5	00 90 2	00 90 5	00 93 0	*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

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ANIMAL ID	00 60 4	00 60 5	00 63 8	00 63 9	00 65 6	00 65 7	00 68 3	00 68 4	00 69 3	00 69 9	00 71 3	00 71 4	00 74 2	00 77 5	00 77 8	00 77 9	00 79 6	00 80 3	00 85 4	00 85 5	00 90 2	00 90 5	00 93 0	*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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2) Mild 4) Marked

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 45	07 45	07 45	07 49	07 48	07 49	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	
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	1.0
Hemorrhage																								1	1.0
Hydrocephalus																								1	4.0
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Autolysis																				1				1	3.0
Hydrocephalus				3																				3	3.0
Meninges, Congestion																								1	3.0
Meninges, Hemorrhage																								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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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		
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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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	
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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CD Rat Male
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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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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
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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CD Rat Male
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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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+ ..Tissue examined microscopically
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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 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
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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 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
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
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
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 8	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	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	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	07433	07433	07444	07444	07444	07444	07445	07445	07445	07449	07449	07449	07449	07450	07450	07450	07452	07452	07453	
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926	*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	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	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	074 50	074 50	074 50	074 52	074 52	074 53		
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

* ..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

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 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	
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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A ..Autolysis precludes evaluation
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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 44	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	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	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
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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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	
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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BLANK ..Not examined microscopically
2) Mild 4) Marked

CD Rat Male
F1 5PPM

DAY ON TEST	074433	074433	074434	074434	074434	074434	074455	074455	074455	074493	074493	074493	074493	075030	075030	075030	075032	075232	075232	075303		
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	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 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	
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	*TOTALS		
ANIMAL ID	00695	00698	00712	00715	00730	00731	00765	00766	00777	00792	00793	00846	00851	00880	00881	00882	00896	00897	00926			
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	0743	0743	0744	0744	0744	0744	0745	0745	0745	0749	0749	0749	0749	0750	0750	0750	0752	0752	0752	0753		
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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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	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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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 39	07 38	07 38	07 38	07 38	07 43	07 44	07 44	07 44	07 44	07 43	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
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
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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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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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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		
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	07447	07447	07445	07449	07448	07448	07500	07449	07449	07449	07449	07449	07448	07500	07500	07449	07449	07449	07449	07447	07522		
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 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 45	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 45	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
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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
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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		
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	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
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

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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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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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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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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
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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																				+											

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

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
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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
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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	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
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	00697	00727	00728	00729	00764	00767	00783	00788	00789	00790	00791	00847	00848	00849	00850	00879	00883	00898	00899	*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	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		
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	
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	075 00	074 49	074 49	074 49	
ANIMAL ID	00697	00727	00728	00729	00764	00767	00783	00788	00789	00790	00791	00847	00848	00849	00850	00879	00883	00898	00899	*TOTALS
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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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	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	*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	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	
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
F1 500PPM

DAY ON TEST	074433	074455	074455	074444	074466	074455	074499	074488	074488	074488	074488	074499	074499	074499	074499	075000	074499	074499	074499	
ANIMAL ID	000697	000727	000728	000729	000764	000767	000783	000788	000789	000790	000791	000847	000848	000849	000850	000879	000883	000898	000899	*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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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 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	
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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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	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 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	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
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	0406	0486	0565	0584	0627	0655	0665	0669	0689	0713	0713	0724	0731	0734	0737	0737	0738	0736	0739	0739	0738	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
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	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
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	0406	0486	0565	0584	0627	0655	0665	0669	0689	0713	0713	0724	0731	0734	0737	0737	0737	0738	0736	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
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		

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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 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
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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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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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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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		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
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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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	
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 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		
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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2) Mild 4) Marked

CD Rat Male
F1 5PPM/CTL

DAY ON TEST	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 49	074 49	074 48	074 49	074 49	075 00	075 00	075 00	075 00	075 22	075 22	075 22		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923	*TOTALS	
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	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	
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	*TOTALS		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923			
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	074 43	074 43	074 44	074 44	074 44	074 44	074 45	074 49	074 49	074 48	074 49	074 49	075 00	075 00	075 00	075 00	075 22	075 22	075 22	*TOTALS	
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923		
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 43	074 43	074 44	074 44	074 44	074 44	074 45	074 49	074 49	074 48	074 49	074 49	075 00	075 00	075 00	075 00	075 22	075 22	075 22	*TOTALS		
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923			
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	07433	07433	07444	07444	07444	07444	07445	07449	07449	07448	07449	07449	07500	07500	07500	07500	07502	07502	07502	07502	*TOTALS	
ANIMAL ID	00685	00700	00716	00737	00740	00741	00774	00798	00799	00804	00856	00860	00892	00893	00894	00895	00903	00920	00923			
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
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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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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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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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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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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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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	00773	00734	00743	00768	00769	00770	00772	00773	00785	00797	00825	00857	00887	00890	00891	00901	00906	00921	00922	*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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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
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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	00773 3	00773 4	00774 3	00776 8	00776 9	00777 0	00777 2	00777 3	00778 5	00779 7	00782 5	00785 7	00788 7	00788 9	00788 9 1	00790 1	00790 6	00792 1	00792 2	*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
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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	00773 3	00773 4	00774 3	00776 8	00776 9	00777 0	00777 2	00777 3	00778 5	00779 7	00882 5	00885 7	00888 7	00889 0	00889 1	00890 1	00890 6	00921 1	00922 2	*TOTALS	
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	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	00773 3	00773 4	00774 3	00776 8	00776 9	00777 0	00777 2	00777 3	00778 5	00779 7	00782 5	00785 7	00788 7	00789 0	00789 1	00790 1	00790 6	00992 1	00992 2	*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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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	*TOTALS		
ANIMAL ID	00 733	00 734	00 743	00 768	00 769	00 770	00 772	00 773	00 785	00 797	00 825	00 857	00 887	00 890	00 891	00 901	00 906	00 921	00 922			
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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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	00733	00734	00743	00768	00769	00770	00772	00773	00785	00797	00825	00857	00887	00890	00891	00901	00906	00921	00922	*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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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	00773 3	00773 4	00774 3	00776 8	00776 9	00777 0	00777 2	00777 3	00778 5	00779 7	00825 5	00857 7	00887	00889 0	00891	00901	00906	00921	00922		
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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CD Rat Male
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ANIMAL ID	00773 3	00773 4	00774 3	00776 8	00776 9	00777 0	00777 2	00777 3	00778 5	00779 7	00782 5	00785 7	00788 7	00789 0	00789 1	00790 1	00790 6	00792 1	00792 2	*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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ANIMAL ID	00773 3	00773 4	00774 3	00776 8	00776 9	00777 0	00777 2	00777 3	00778 5	00779 7	00782 5	00785 7	00788 7	00789 0	00789 1	00790 1	00790 6	00792 1	00792 2	*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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ANIMAL ID	00 733	00 734	00 743	00 768	00 769	00 770	00 772	00 773	00 785	00 797	00 825	00 857	00 887	00 890	00 891	00 901	00 906	00 921	00 922			
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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ANIMAL ID	00773 3	00773 4	00774 3	00776 8	00776 9	00777 0	00777 2	00777 3	00778 5	00779 7	00782 5	00785 7	00788 7	00789 0	00789 1	00790 1	00790 6	00921 1	00922 2	*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	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 55 7	00 08 88 7	00 08 89 0	00 08 89 1	00 09 01	00 09 06	00 09 21 1	00 09 22 2	*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

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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
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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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
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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

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 8	073 9	073 9	073 9	074 4	074 3	074 3	074 4	074 4	074 4
ANIMAL ID	001 05	001 38	001 80	002 02	003 43	003 48	003 81	003 84	003 96	004 00	004 34	004 41	004 78	004 79	004 80	005 16	005 21	005 22	005 23	005 24	005 78	005 80	005 99	006 00	006 01	006 33	006 34	006 35	006 80	006 82	007 35
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

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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
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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+ ..Tissue examined microscopically
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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/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	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
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	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	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
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	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	
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	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*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	*TOTALS		
ANIMAL ID	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925			
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	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	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	
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	00738	00739	00771	00786	00787	00800	00801	00802	00824	00853	00858	00859	00864	00865	00888	00889	00904	00924	00925	*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
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		
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	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	
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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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	074	075	075	075	075	074	075	075		
	4	4	5	9	9	8	8	8	9	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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CD Rat Male
F1 500PPM/CTL

DAY ON TEST	074	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	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		
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	*TOTALS	
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		
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	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

END OF MALE DATA

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M ..Missing tissue
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CD Rat Female
F1 0PPM

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 0PPM

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
F1 0PPM

DAY ON TEST	024	031	037	042	043	051	051	058	060	062	062	062	062	062	062	064	064	065	065	065	066	069	069	069	071	071	071	072	073	073	073	073	073
ANIMAL ID	00040	00058	00066	00098	00101	00127	00128	00198	00224	00242	00222	00243	00228	00245	00246	00226	00247	00226	00248	00246	00283	00287	00256	00298	00300	00325	00378	00380	00383	00417	00420	00422	00429	00453	00481	00488	00490
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 0PPM

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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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 0PPM

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 0PPM

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 0PPM

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 0PPM

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 0PPM

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 0PPM

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	*TOTALS		
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			
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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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			
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
F1 0PPM

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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			
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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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		
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 0PPM

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	063	064	065	067	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	1	0	6	0	1	6	8	0	0	6	0	7	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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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
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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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CD Rat Female
F1 5PPM

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	1	8	1	0	7	8	7	5	0	8	5	1	0	6	0	1	6	8	0	6	0	6	7	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
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	6	0	7	6	7	4	7	7	9	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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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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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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F1 5PPM

DAY ON TEST	011	052	055	056	056	057	059	060	062	062	062	062	063	064	065	067	068	068	068	070	071	071	071	073	073	073	073	073	073	073	073	073	074
	1	8	1	0	7	8	7	5	0	8	5	1	1	0	6	0	1	6	6	8	0	0	6	0	7	6	7	7	4	7	7	9	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
Hyperplasia																										1					

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

CD Rat Female
F1 100PPM

DAY ON TEST	0268	0401	0465	0486	0520	0534	0545	0565	0603	0604	0626	0635	0638	0638	0653	0658	0657	0657	0654	0668	0691	0711	0721	0731	0731	0737	0738	0738	0736	0739	0739
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	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
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			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	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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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	0268	0401	0465	0486	0520	0534	0545	0565	0603	0604	0626	0635	0638	0638	0653	0658	0657	0657	0654	0668	0691	0711	0721	0731	0731	0737	0738	0738	0736	0739	0739
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
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

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
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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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		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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CD Rat Female
F1 100PPM

DAY ON TEST	07738	07737	07443	07445	07444	07443	07444	07444	07449	07449	07449	07448	07447	07449	07449	07502	07449	07502	07447		
ANIMAL ID	00581	00582	00643	00662	00665	00666	00703	00720	00782	00806	00809	00812	00821	00830	00831	00862	00867	00913	00914	*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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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	
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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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	005811	005822	006433	006622	006655	006666	007033	007220	007822	008066	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

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+ ..Tissue examined microscopically
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1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
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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 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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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	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
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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	00581	00582	00643	00662	00665	00666	00703	00720	00782	00806	00809	00812	00821	00830	00831	00862	00867	00913	00914	*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	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
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	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
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	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
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
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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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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	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	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
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	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
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		
ANIMAL ID	00530	00542	00546	00548	00549	00641	00667	00689	00745	00805	00810	00811	00829	00832	00833	00841	00866	00912	*TOTALS	
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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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			
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
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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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1) Minimal 3) Moderate
I ..Insufficient tissue
BLANK ..Not examined microscopically
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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
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	005530	005442	005546	005548	005549	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

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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	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
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

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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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CD Rat Female
F1 5PPM/CTL

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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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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												
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
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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	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
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	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
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	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	
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	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	
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	*TOTALS	
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915		
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	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	*TOTALS		
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915			
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	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	
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	0742	0742	0742	0743	0743	0743	0744	0744	0745	0745	0745	0745	0745	0749	0749	0749	0750	0752	0752	0752	0752		
ANIMAL ID	00651	00653	00654	00671	00672	00691	00708	00709	00753	00754	00755	00761	00815	00816	00837	00872	00873	00874	00915	*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
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	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	
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
F1 100PPM/CTL

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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
F1 100PPM/CTL

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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	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	
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	007447	007448	007449	007451	007452	007460	008007	008013	008014	008026	008034	008035	008038	008039	008063	008071	008075	009018	009019	*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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CD Rat Female
F1 100PPM/CTL

DAY ON TEST	074 45	074 45	074 45	074 45	074 45	074 45	074 49	074 48	074 48	074 49	074 49	074 49	074 49	074 49	074 49	075 50	074 49	075 53	075 50	074 47		
ANIMAL ID	0007 47	0007 48	0007 49	0007 51	0007 52	0007 60	0008 07	0008 13	0008 14	0008 26	0008 34	0008 35	0008 38	0008 39	0008 63	0008 71	0008 75	0009 18	0009 19	*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	074 45	074 45	074 45	074 45	074 45	074 45	074 49	074 48	074 48	074 49	074 49	074 49	074 49	074 49	074 49	075 50	074 49	075 53	075 50	074 47		
ANIMAL ID	00074 47	00074 48	00074 49	00075 51	00075 52	00076 60	00080 07	00081 13	00081 14	00082 26	00083 34	00083 35	00083 38	00083 39	00086 63	00087 71	00087 75	00091 18	00091 19		*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	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 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		
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	*TOTALS	
ANIMAL ID	00747	00748	00749	00751	00752	00760	00807	00813	00814	00826	00834	00835	00838	00839	00863	00871	00875	00918	00919		
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 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 50	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	00006 8	00009 6	00012 2	00012 9	00013 1	00014 5	00020 0	00020 8	00021 3	00021 5	00022 9	00028 8	00028 89	00029 91	00029 7	00030 8	00031 7	00033 3	00033 5	00033 8	00034 5	00036 9	00037 77	00037 9	00039 2	00039 4	00042 7	00049 3	00049 4	00049 5	00053 7
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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1) Minimal 3) Moderate
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BLANK ..Not examined microscopically
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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	066	066	066	066	066	066	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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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	067	066	067	067	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
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 76	041 18	050 07	051 17	052 20	054 40	058 87	059 95	060 00	060 02	061 14	064 48	064 88	064 43	065 50	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 37	073 38
ANIMAL ID	00006 8	00009 6	00012 2	00012 9	00013 1	00014 5	00020 0	00020 8	00021 3	00021 5	00022 9	00028 8	00028 89	00029 91	00029 7	00030 8	00031 7	00033 3	00033 5	00033 8	00034 5	00036 9	00037 7	00037 9	00039 2	00039 4	00042 7	00049 3	00049 4	00049 5	00053 7
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 88	050 77	051 77	052 20	054 40	058 87	059 55	060 00	060 02	061 44	064 88	064 89	064 43	064 91	065 00	065 77	066 11	067 11	067 33	067 73	067 76	068 88	069 96	069 95	070 44	070 75	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 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
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	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	*TOTALS		
ANIMAL ID	00538	00553	00554	00619	00648	00649	00655	00668	00669	00706	00707	00750	00808	00817	00818	00840	00869	00876	00916			
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 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	
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	00538	00553	00554	00619	00648	00649	00655	00668	00669	00706	00707	00750	00808	00817	00818	00840	00869	00876	00916	*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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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	00 053 8	00 055 3	00 055 4	00 061 9	00 064 8	00 064 9	00 065 5	00 066 8	00 066 9	00 070 6	00 070 7	00 075 0	00 080 8	00 081 7	00 081 8	00 084 0	00 086 9	00 087 6	00 091 6	*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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CD Rat Female
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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
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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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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	

** END OF REPORT **

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