NTP Study Number:	C20314
Lock Date:	11/01/2011
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	3.0.2.2_002
PWG Approval Date:	NONE

FISCHER 344 RATS-NCTR RATS MALE
0.70 GLYCID

DAY ON TEST	0555	0614	0610	0737	0534	0667	0737	0519	0660	0428	0537	0626	0474	0474	0624	0690	0600	0662	0523	0677	0439	0446	0474	0607	0516	
ANIMAL ID	00011	00012	00021	00022	00031	00032	00041	00042	00051	00052	00511	00512	00521	00522	00531	00532	00541	00542	00551	00552	01411	01412	01421	01422	01431	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid																	2									
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid																										
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis			4																							
Basophilic Focus		X																								
Basophilic Focus, Multiple				X		X																				
Clear Cell Focus		X																								
Congestion																										
Deformity											X	X														
Degeneration, Cystic	2		4	4			4		3			2			3	4		2		2						
Eosinophilic Focus					X																					
Eosinophilic Focus, Multiple																										
Hepatodiaphragmatic Nodule																										
Infiltration Cellular, Lymphocyte																				3						

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FISCHER 344 RATS-NCTR RATS MALE
0.70 GLYCID

DAY ON TEST	0555	0614	0610	0737	0534	0667	0737	0519	0660	0428	0537	0626	0474	0474	0624	0690	0600	0662	0523	0677	0439	0446	0474	0607	0516	
ANIMAL ID	00011	00012	00021	00022	00031	00032	00041	00042	00051	00052	00511	00512	00521	00522	00531	00532	00541	00542	00551	00552	01411	01412	01421	01422	01431	**males (cont...)**
Inflammation, Chronic Active										2																
Mixed Cell Focus																	X									
Necrosis																				4						
Pigmentation																	2	2								
Thrombosis													4													
Vacuolization Cytoplasmic		2		4		3										4	2	2								
Bile Duct, Hyperplasia	3	1	4	4		3	4		4		4	1	4		4	4	1	3	4	3			4	3	4	
Hepatocyte, Degeneration																				4	3			3		
Oval Cell, Hyperplasia																										
Mesentery																								+		
Fat, Necrosis																										
Oral Mucosa												+			+			+								
Keratin Cyst																		X								
Epithelium, Hyperplasia												3														
Epithelium, Hyperplasia, Basal Cell																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																										
Acinus, Degeneration			2	4	2	4	2		2		3	2			2	4	1	2								
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epithelium, Hyperplasia				2																						
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis				3												3										
Pigmentation																										

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.70 GLYCID / ANIMAL ID	0555 0011	0614 0012	0610 0021	0737 0022	0534 0031	0667 0032	0737 0041	0519 0042	0660 0051	0428 0052	0537 0511	0626 0512	0474 0521	0474 0522	0624 0531	0690 0532	0600 0541	0662 0542	0523 0551	0677 0552	0439 0141	0446 0142	0474 0142	0607 0142	0516 0143	males (cont...)
Ulcer						2																				
Epithelium, Hyperplasia													2													
Tongue	+								+									+	+						+	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	2	2	3	2	2	3	2	3	2	3	1		2		3	2	2		2	2	1		2		
Congestion																		4								
Metaplasia, Osseous				2																						
Thrombosis							4													4						
Atrium, Dilatation									4																	
Ventricle, Dilatation																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy				4																						
Degeneration, Cystic																										
Hypertrophy																									2	
Thrombosis				4																						
Vacuolization Cytoplasmic	2	2	2		2	3	4		4		2	2	2		2	4	3	2	2	2		2			2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia							4		2							2			2							
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.70 GLYCID / ANIMAL ID	0555 0001 1	0614 0001 2	0610 0002 1	0737 0002 2	0534 0003 1	0667 0003 2	0737 0004 1	0519 0004 2	0660 0005 1	0428 0005 2	0537 0005 1 1	0626 0005 1 2	0474 0005 2 1	0474 0005 2 2	0624 0005 3 1	0690 0005 3 2	0600 0005 4 1	0662 0005 4 2	0523 0005 5 1	0677 0005 5 2	0439 0014 1 1	0446 0014 1 2	0474 0014 2 1	0607 0014 2 2	0516 0014 3 1	males (cont...)
Hyperplasia		2		1																						
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia		2					4			2											2				2	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst																	4									
Pars Distalis, Hyperplasia		2																2								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia				2			1	1	1				1		1											
Follicular Cell, Hyperplasia																				2						
GENERAL BODY SYSTEM																										
Tissue NOS																									+	
GENITAL SYSTEM																										
Coagulating Gland																+										
Inflammation, Suppurative																4										
Necrosis																4										
Epithelium, Hyperplasia																4										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Exfoliated Germ Cell																4				4						
Hypospermia				4	3		4	3	3						3	4				4				4		
Epithelium, Degeneration				4	2	2	3									3				4						
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																										

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FISCHER 344 RATS-NCTR RATS MALE
0.70 GLYCID

DAY ON TEST	05555	06144	06100	07377	05344	06667	07377	05199	06600	04288	05377	06266	04744	04744	06244	06900	06000	06622	05223	06777	04399	04446	04744	06007	05166
ANIMAL ID	00011	00012	00021	00022	00031	00032	00041	00042	00051	00052	00511	00512	00521	00522	00531	00532	00541	00542	00551	00552	01411	01412	01421	01422	01431
Fibrosis																									
Hyperkeratosis				4																					
Inflammation, Suppurative			3			1			3			2				4				3				2	2
Inflammation, Chronic Active								2					1	2				4					1		
Necrosis																									
Acinus, Degeneration				3				3			3			3	3	4		4	2	3					
Duct, Ectasia				4					4			3	3	2		4	2			4				3	
Epithelium, Hyperplasia																								3	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Multilocular																									
Inflammation, Suppurative	2	1		2					2			3			2	4		2		4					
Inflammation, Chronic Active					2			1						1									2		
Necrosis																4									
Epithelium, Hyperplasia																									
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy				4		3		3			2								3	2			2		
Inflammation, Suppurative																4									
Necrosis																4									
Epithelium, Hyperplasia																4									
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Hyperplasia			1		2	2								1	2	1			1			2			
Seminiferous Tubule, Degeneration	1		2	4	3	2	4	3	4	2	2	2			3	4	2	2	2	4	2			4	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	2				2									3		3									

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FISCHER 344 RATS-NCTR RATS MALE
0.70 GLYCID

DAY ON TEST	055	061	061	073	053	066	073	051	060	042	053	062	047	047	062	069	060	066	052	067	043	044	047	060	051
ANIMAL ID	00011	00012	00021	00022	00031	00032	00041	00042	00051	00052	00511	00512	00521	00522	00531	00532	00541	00542	00551	00552	01411	01412	01421	01422	01431
males (cont...)																									
Lymph Node						+			+		+	+	+		+	+				+	+			+	+
Lumbar, Hyperplasia, Lymphoid																				3					
Lumbar, Infiltration Cellular, Plasma Cell																									
Lumbar, Sinus, Dilatation																				3					
Mediastinal, Hemorrhage																									
Mediastinal, Hyperplasia, Lymphoid																				2					
Mediastinal, Sinus, Dilatation																				2					
Pancreatic, Hemorrhage																									
Pancreatic, Hyperplasia, Lymphoid																				2					
Pancreatic, Sinus, Dilatation						2																			
Renal, Hyperplasia, Lymphoid																				3					
Renal, Pigmentation																									
Renal, Sinus, Dilatation																3									
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid	2																			2	2				
Infiltration Cellular, Plasma Cell	1			3		2				2				3	2		2	2			2				
Sinus, Dilatation														3					2						
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hyperplasia, Lymphoid		2															1	2							
Infiltration Cellular, Histiocyte																									
Infiltration Cellular, Plasma Cell																									
Sinus, Dilatation	2											2								2					
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Spleen											X													X	
Congestion																				4					

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DAY ON TEST	055	061	061	073	053	066	073	051	060	042	053	062	047	047	062	069	060	066	052	067	043	044	047	060	051	
FISCHER 344 RATS-NCTR RATS MALE	7	4	0	7	4	7	7	9	0	8	7	6	4	4	4	0	0	2	3	7	9	6	4	7	6	
0.70 GLYCID																										
ANIMAL ID	00011	00012	00021	00022	00031	00032	00041	00042	00051	00052	00511	00512	00521	00522	00531	00532	00541	00542	00551	00552	01411	01412	01421	01422	01431	**males (cont...)**
Depletion Lymphoid																										
Fibrosis												2			4	3								4		
Hematopoietic Cell Proliferation		2			2					2																
Hemorrhage																										
Hyperplasia, Lymphoid																				3						
Hyperplasia, Stromal			2																							
Necrosis								4																		
Pigmentation		2					2					3		2			3	3		3						
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	
Atrophy	4	2	4	4	3	4	4			3	4	4	4	4	4	4	4	4	4	4	3		4	4		
INTEGUMENTARY SYSTEM																										
Mammary Gland	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	
Fibrosis																		3								
Galactocele				4			3								3											
Lactation											2				2	1										
Alveolus, Hyperplasia				4																						
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion							X										X									
Fibrosis									3																	
Inflammation, Chronic Active									2																	
Necrosis																3										
Epithelium, Hyperplasia									3																	
Sebaceous Gland, Hyperplasia			3																							
MUSCULOSKELETAL SYSTEM																										

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.70 GLYCID / ANIMAL ID	0555 00011	0614 00012	0610 00021	0737 00022	0534 00031	0667 00032	0737 00041	0519 00042	0660 00051	0428 00052	0537 00111	0626 00112	0474 00521	0474 00522	0624 00531	0690 00532	0600 00541	0662 00542	0523 00551	0677 00552	0439 01411	0446 01412	0474 01421	0607 01422	0516 01431	males (cont...)
Bone																				+						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy							2																			
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression				3			2					2				2										
Gliosis													2													
Hemorrhage																										
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																				1						
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gliosis																										
Hemorrhage																										
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration		1			1		1		1			1				1	1						1			
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gliosis																										
Mineralization																										
Axon, Degeneration		1	1	1		1	1	1	1		1	1	1	1	1				1	1		1				
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS-NCTR RATS MALE
0.70 GLYCID

DAY ON TEST	055	061	061	073	053	066	073	051	060	042	053	062	047	047	062	069	060	066	052	067	043	044	047	060	051	
ANIMAL ID	001	001	002	002	003	003	004	004	000	000	005	005	005	005	005	005	005	005	005	005	014	014	014	014	014	**males (cont...)**
	11	12	21	22	31	32	41	42	51	52	11	12	21	22	31	32	41	42	51	52	11	12	21	22	31	
Mineralization																					1					
Axon, Degeneration		1					1								1	1										
Nerve, Degeneration			2	2		2	2		1			1	1			1	1	2		2		1				
Nerve, Gliosis																										
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization																										
Axon, Degeneration		1	1	1		1	1		1		1	1	1	1		1				1	1			1		
Nerve, Degeneration																1										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body																										
Hemorrhage																										
Infiltration Cellular, Histiocyte				3			2	3										1				1				
Infiltration Cellular, Lymphocyte																				2						
Inflammation, Granulomatous																										
Pigmentation				3																						
Alveolar Epithelium, Hyperplasia											4							2								
Endothelium, Hyperplasia																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative						3																				
Inflammation, Chronic Active																										
Goblet Cell, Hyperplasia						4																				
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										

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0.70 GLYCID

DAY ON TEST	055	061	061	073	053	066	073	051	060	042	053	062	047	047	062	069	060	066	052	067	043	044	047	060	051
ANIMAL ID	00011	00012	00021	00022	00031	00032	00041	00042	00051	00052	00511	00512	00521	00522	00531	00532	00541	00542	00551	00552	01411	01412	01421	01422	01431
males (cont...)																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration							3		1							4									
Retina, Degeneration		1				2						1													
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Necrosis																3									
Epithelium, Hyperplasia																									
Zymbal's Gland														+									+		
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst											4														
Hyaline Droplet																									
Hydronephrosis							1															2			
Nephropathy	2	3	2	4	2	2	4	2	4	2	1	2		2	2	4	3	4	1	4	1	2	2	3	2
Pigmentation															3				3						
Urethra																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lumen, Dilatation											2							2							
Transitional Epithelium, Hyperplasia						2										2									

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DAY ON TEST	072	054	066	039	072	070	069	069	071	061	041	060	063	054	055	050	067	067	056	069	052	060	054	
FISCHER 344 RATS-NCTR RATS MALE	3	4	6	2	9	2	5	7	6	0	1	3	2	1	5	5	2	3	9	1	0	7	1	
0.70 GLYCID																								
ANIMAL ID	014	014	014	014	014	018	018	018	018	018	018	018	018	018	018	024	024	024	024	024	024	024	024	*** TOTALS**
	32	41	42	51	52	11	12	21	22	31	32	41	42	51	52	31	32	41	42	51	52	61	62	
ALIMENTARY SYSTEM																								
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Large, Cecum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**46**
Intestine Large, Colon	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**45**
Intestine Large, Rectum	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**45**
Intestine Small, Duodenum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**46**
Intestine Small, Ileum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**45**
Hyperplasia, Lymphoid															2									**2 2.0**
Intestine Small, Jejunum	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**45**
Hyperplasia, Lymphoid															2									**1 2.0**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**47**
Angiectasis																								**1 4.0**
Basophilic Focus															X									**2**
Basophilic Focus, Multiple																								**2**
Clear Cell Focus																								**1**
Congestion															3									**1 3.0**
Deformity				X																				**3**
Degeneration, Cystic	4	2	3		4	2			3				2					4		3		1	4	**21 3.0**
Eosinophilic Focus																		X					X	**3**
Eosinophilic Focus, Multiple	X																			X				**2**
Hepatodiaphragmatic Nodule							X																	**1**
Infiltration Cellular, Lymphocyte																								**1 3.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.70 GLYCID

DAY ON TEST	072 3	054 4	066 6	039 2	072 9	070 2	069 5	069 7	071 6	061 0	041 1	060 3	063 2	054 1	055 5	050 5	067 2	067 3	056 9	069 1	052 0	060 7	054 1	
ANIMAL ID	014 32	014 41	014 42	014 51	014 52	018 11	018 12	018 21	018 22	018 31	018 32	018 41	018 42	018 51	018 52	024 31	024 32	024 41	024 42	024 51	024 52	024 61	024 62	* TOTALS
Inflammation, Chronic Active																						1		**2 1.5**
Mixed Cell Focus																X								**2**
Necrosis								4	2									3	4					**5 3.4**
Pigmentation									3															**3 2.3**
Thrombosis							4																	**2 4.0**
Vacuolization Cytoplasmic				2		3	4					4	4		2									**12 3.0**
Bile Duct, Hyperplasia	4	3	4		3	3	4	4	3	4	3	4	4	4				4		4	2	1		**36 3.3**
Hepatocyte, Degeneration					4	4	4	4				4												**8 3.8**
Oval Cell, Hyperplasia								4																**1 4.0**
Mesentery						+											+		+					**4**
Fat, Necrosis																			1					**1 1.0**
Oral Mucosa		+				+											+	+						**7**
Keratin Cyst																								**1**
Epithelium, Hyperplasia		3																						**2 3.0**
Epithelium, Hyperplasia, Basal Cell																	2							**1 2.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Angiectasis					4																			**1 4.0**
Acinus, Degeneration	3	2	1			4	3	4						3	2			2	2				2	**23 2.5**
Salivary Glands	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Stomach, Forestomach	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Epithelium, Hyperplasia								3																**2 2.5**
Stomach, Glandular	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**46**
Necrosis					2			4																**4 3.0**
Pigmentation								3																**1 3.0**

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FISCHER 344 RATS-NCTR RATS MALE	3	4	6	2	9	2	5	7	6	0	1	3	2	1	5	5	2	3	9	1	0	7	1	
0.70 GLYCID																								
ANIMAL ID	014	014	014	014	014	018	018	018	018	018	018	018	018	018	018	024	024	024	024	024	024	024	024	*** TOTALS**
	321	411	422	511	522	111	121	211	222	311	321	411	422	511	522	311	322	411	422	451	522	611	622	
Ulcer																								**1 2.0**
Epithelium, Hyperplasia																								**1 2.0**
Tongue						+																		**6**
CARDIOVASCULAR SYSTEM																								
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cardiomyopathy	3		2	2		2			2	1		2			3	1	3	1	2	2		2		**34 2.1**
Congestion																								**1 4.0**
Metaplasia, Osseous									2															**2 2.0**
Thrombosis					4	4	4	4	4								4					4		**9 4.0**
Atrium, Dilatation															4									**2 4.0**
Ventricle, Dilatation								4																**1 4.0**
ENDOCRINE SYSTEM																								
Adrenal Cortex	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Atrophy																								**1 4.0**
Degeneration, Cystic																		4						**1 4.0**
Hypertrophy						3								2										**3 2.3**
Thrombosis																								**1 4.0**
Vacuolization Cytoplasmic	3		2		3	2	4	4	2	1		3		2	3			3	2	2		2	2	**34 2.5**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia								1										1						**6 2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

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DAY ON TEST	072 3	054 4	066 6	039 2	072 9	070 2	069 5	069 7	071 6	061 0	041 1	060 3	063 2	054 1	055 5	050 5	067 2	067 3	056 9	069 1	052 0	060 7	054 1	
ANIMAL ID	014 32	014 41	014 42	014 51	014 52	018 11	018 12	018 21	018 22	018 31	018 32	018 41	018 42	018 51	018 52	024 31	024 32	024 41	024 42	024 51	024 52	024 61	024 62	* TOTALS
Hyperplasia																					1			**3 1.3**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia					2	2																		**7 2.3**
Pituitary Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Pars Distalis, Cyst			2			4																		**3 3.3**
Pars Distalis, Hyperplasia			3					2						1					2		3		2	**8 2.1**
Thyroid Gland	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**46**
C-cell, Hyperplasia	2					1	3		1	1		1		1	2									**14 1.4**
Follicular Cell, Hyperplasia										1			1										3	**4 1.8**
GENERAL BODY SYSTEM																								
Tissue NOS																								**1**
GENITAL SYSTEM																								
Coagulating Gland																								**1**
Inflammation, Suppurative																								**1 4.0**
Necrosis																								**1 4.0**
Epithelium, Hyperplasia																								**1 4.0**
Epididymis	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Exfoliated Germ Cell																		3	2					**4 3.3**
Hypospermia	4	4	3		4	4	4	4	4	2		3	2		3			3		4	3			**24 3.5**
Epithelium, Degeneration	2	3			4	4	4	4	3			3	2		3					3	3			**18 3.1**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst													4											**1 4.0**

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DAY ON TEST	072 3	054 4	066 6	039 2	072 9	070 2	069 5	069 7	071 6	061 0	041 1	060 3	063 2	054 1	055 5	050 5	067 2	067 3	056 9	069 1	052 0	060 7	054 1	
ANIMAL ID	014 32	014 41	014 42	014 51	014 52	018 11	018 12	018 21	018 22	018 31	018 32	018 41	018 42	018 51	018 52	024 31	024 32	024 41	024 42	024 51	024 52	024 61	024 62	* TOTALS
Fibrosis						4	4																	**2 4.0**
Hyperkeratosis			4																					**2 4.0**
Inflammation, Suppurative	3		2		4			4	2				2	4		2	2						1	**18 2.6**
Inflammation, Chronic Active		2				3	4				2									2				**10 2.3**
Necrosis							4																	**1 4.0**
Acinus, Degeneration	4	3			4	4	4	4		2	3		3	3			3	3		3				**22 3.2**
Duct, Ectasia			4		4			3	3		2		2				2		3					**17 3.1**
Epithelium, Hyperplasia													3											**2 3.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst Multilocular					3																	3		**2 3.0**
Inflammation, Suppurative			2		4	4		4	4	2		2	4				2	4		4	1	2		**22 2.8**
Inflammation, Chronic Active		2					2				2													**7 1.7**
Necrosis																								**1 4.0**
Epithelium, Hyperplasia			2				1											2						**3 1.7**
Seminal Vesicle	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Atrophy		4			3	4	4	3	4				3				4			3	2		2	**18 3.1**
Inflammation, Suppurative																								**1 4.0**
Necrosis																								**1 4.0**
Epithelium, Hyperplasia																		2						**2 3.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Interstitial Cell, Hyperplasia												2		1				2						**11 1.5**
Seminiferous Tubule, Degeneration	4	4	4	1	4	4	4	4	4	3		4	3	2	4	1	4	4	3	4	3	4	1	**41 3.0**
HEMATOPOIETIC SYSTEM																								
Bone Marrow	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**46**
Hyperplasia	3					3										3		2	2			3		**10 2.6**

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FISCHER 344 RATS-NCTR RATS MALE

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DAY ON TEST	07233	05444	06666	03932	07229	07002	06955	06997	07166	06100	04111	06003	06322	05441	05555	05005	06722	06733	05699	06911	05200	06007	05441	
ANIMAL ID	01432	01441	01442	01451	01452	01811	01812	01821	01822	01831	01832	01841	01842	01851	01852	02431	02432	02441	02442	02451	02452	02461	02462	*** TOTALS**
Lymph Node	+	+	+		+		+	+	+	+			+	+								+	+	**23**
Lumbar, Hyperplasia, Lymphoid																								**1 3.0**
Lumbar, Infiltration Cellular, Plasma Cell																						4		**1 4.0**
Lumbar, Sinus, Dilatation														2										**2 2.5**
Mediastinal, Hemorrhage									2														2	**2 2.0**
Mediastinal, Hyperplasia, Lymphoid																								**1 2.0**
Mediastinal, Sinus, Dilatation								2	2															**3 2.0**
Pancreatic, Hemorrhage																							4	**1 4.0**
Pancreatic, Hyperplasia, Lymphoid																								**1 2.0**
Pancreatic, Sinus, Dilatation							2																	**2 2.0**
Renal, Hyperplasia, Lymphoid																						2		**2 2.5**
Renal, Pigmentation								3																**1 3.0**
Renal, Sinus, Dilatation								2														2		**3 2.3**
Lymph Node, Mandibular	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hyperplasia, Lymphoid		3			3			2		2		2		2					2		2			**11 2.2**
Infiltration Cellular, Plasma Cell	3						3	3		3		3			3			4	2			2	2	**19 2.5**
Sinus, Dilatation	2		3				2	2																**6 2.3**
Lymph Node, Mesenteric	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hemorrhage							2													2			4	**3 2.7**
Hyperplasia, Lymphoid						2							2	2	2	2					4	2		**10 2.1**
Infiltration Cellular, Histiocyte																3								**1 3.0**
Infiltration Cellular, Plasma Cell																						2		**1 2.0**
Sinus, Dilatation							2													4				**5 2.4**
Spleen	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Accessory Spleen	X																							**3**
Congestion															4									**2 4.0**

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FISCHER 344 RATS-NCTR RATS MALE

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DAY ON TEST	072 3	054 4	066 6	039 2	072 9	070 2	069 5	069 7	071 6	061 0	041 1	060 3	063 2	054 1	055 5	050 5	067 2	067 3	056 9	069 1	052 0	060 7	054 1	
ANIMAL ID	014 32	014 41	014 42	014 51	014 52	018 11	018 12	018 21	018 22	018 31	018 32	018 41	018 42	018 51	018 52	024 31	024 32	024 41	024 42	024 51	024 52	024 61	024 62	* TOTALS
Depletion Lymphoid								3																1 3.0
Fibrosis	4				2	4		4	4					4				3						11 3.5
Hematopoietic Cell Proliferation						4										2			4			4		7 2.9
Hemorrhage																							4	1 4.0
Hyperplasia, Lymphoid																								1 3.0
Hyperplasia, Stromal																								1 2.0
Necrosis																								1 4.0
Pigmentation									4						3									9 2.8
Thymus	+	+	+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	43
Atrophy	4	4	4		4	4	4		4	2		4	4	4	4	2	4	4	3		4	4	4	40 3.8
INTEGUMENTARY SYSTEM																								
Mammary Gland	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	42
Fibrosis																								1 3.0
Galactocele	4																2			4				6 3.3
Lactation					2				3			3						2						7 2.1
Alveolus, Hyperplasia																								1 4.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cyst Epithelial Inclusion			X						X															4
Fibrosis																4								2 3.5
Inflammation, Chronic Active																								1 2.0
Necrosis																								1 3.0
Epithelium, Hyperplasia																								1 3.0
Sebaceous Gland, Hyperplasia																								1 3.0
MUSCULOSKELETAL SYSTEM																								

FISCHER 344 RATS-NCTR RATS MALE
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DAY ON TEST	072	054	066	039	072	070	069	069	071	061	041	060	063	054	055	050	067	067	059	069	052	060	054		
ANIMAL ID	0143	0144	0144	0145	0145	0181	0181	0181	0182	0183	0183	0184	0184	0185	0185	0243	0243	0244	0244	0244	0244	0244	0244		*** TOTALS**
Bone																									**1**
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Fibrous Osteodystrophy																									**1 2.0**
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
NERVOUS SYSTEM																									
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Compression					2				2			2						3		4					**9 2.4**
Gliosis	4														3										**3 3.0**
Hemorrhage												1													**1 1.0**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Hemorrhage																									**1 1.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Gliosis	4								2																**2 3.0**
Hemorrhage																			2						**1 2.0**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Axon, Degeneration	1	1		1	1	1	1		1	1	1	1	1		1	1	2	1	1	1	1	1	1		**28 1.0**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Gliosis	3																								**1 3.0**
Mineralization											1														**1 1.0**
Axon, Degeneration	2	1	1		1	1			1			1			1			1		1		1	1		**27 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**

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FISCHER 344 RATS-NCTR RATS MALE
0.70 GLYCID

DAY ON TEST	072 3	054 4	066 6	039 2	072 9	070 2	069 5	069 7	071 6	061 0	041 1	060 3	063 2	054 1	055 5	050 5	067 2	067 3	056 9	069 1	052 0	060 7	054 1		
ANIMAL ID	014 32	014 41	014 42	014 51	014 52	018 11	018 12	018 21	018 22	018 31	018 32	018 41	018 42	018 51	018 52	024 31	024 32	024 41	024 42	024 51	024 52	024 61	024 62		* TOTALS
Mineralization											2														**2 1.5**
Axon, Degeneration		1																							**5 1.0**
Nerve, Degeneration	2	1	1		1		1	2	2			1	2		1			2	1	1		1			**26 1.4**
Nerve, Gliosis	1																								**1 1.0**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Mineralization											2														**1 2.0**
Axon, Degeneration		1	1		1	1	1	1	1			1		1	1		1	1				1			**27 1.0**
Nerve, Degeneration	2												1							1	1				**5 1.2**
RESPIRATORY SYSTEM																									
Lung	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Foreign Body									X																**1**
Hemorrhage														2					4						**2 3.0**
Infiltration Cellular, Histiocyte	4	1					1	4	4		1				1			3			1	2			**15 2.1**
Infiltration Cellular, Lymphocyte																									**1 2.0**
Inflammation, Granulomatous									4																**1 4.0**
Pigmentation									2																**2 2.5**
Alveolar Epithelium, Hyperplasia	4								3									3							**5 3.2**
Endothelium, Hyperplasia										4															**1 4.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Inflammation, Suppurative																		2							**2 2.5**
Inflammation, Chronic Active																						2			**1 2.0**
Goblet Cell, Hyperplasia																		2							**2 3.0**
Trachea	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
SPECIAL SENSES SYSTEM																									

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FISCHER 344 RATS-NCTR RATS MALE

0.70 GLYCID

DAY ON TEST	072 3	054 4	066 6	039 2	072 9	070 2	069 5	069 7	071 6	061 0	041 1	060 3	063 2	054 1	055 5	050 5	067 2	067 3	056 9	069 1	052 0	060 7	054 1	
ANIMAL ID	014 32	014 41	014 42	014 51	014 52	018 11	018 12	018 21	018 22	018 31	018 32	018 41	018 42	018 51	018 52	024 31	024 32	024 41	024 42	024 51	024 52	024 61	024 62	*** TOTALS**
Eye	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**45**
Bilateral, Retina, Degeneration									2													1		**5 2.2**
Retina, Degeneration					2																			**4 1.5**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Necrosis																								**1 3.0**
Epithelium, Hyperplasia													3											**1 3.0**
Zymbal's Gland																+								**3**
URINARY SYSTEM																								
Kidney	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Cyst																								**1 4.0**
Hyaline Droplet																			4					**1 4.0**
Hydronephrosis																								**2 1.5**
Nephropathy	4		3		4	2	3	3	4	3		3	2	1	4	1	2	3	3	4	3	3	4	**44 2.7**
Pigmentation																								**2 3.0**
Urethra																							+	**1**
Urinary Bladder	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Lumen, Dilatation						4									3			4						**5 3.0**
Transitional Epithelium, Hyperplasia																								**2 2.0**

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DAY ON TEST	0569	0737	0588	0485	0604	0585	0589	0635	0669	0584	0737	0737	0725	0737	0586	0737	0682	0632	0698	0684	0702	0634	0696	0586	0732	
FISCHER 344 RATS-NCTR RATS MALE																										
0.35 GLYCID																										
ANIMAL ID	00361	00362	00371	00372	00381	00382	00391	00392	00401	00402	00711	00712	00721	00722	00731	00732	00741	00742	00751	00752	01311	01312	01321	01322	01331	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative																										
Ulcer																										
Intestine Large, Cecum	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid								1																		
Lumen, Dilatation																										
Intestine Large, Colon	+	+	A	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epithelium, Hyperplasia																										
Intestine Small, Ileum	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epithelium, Hyperplasia																										
Intestine Small, Jejunum	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus		X										X	X											X		
Basophilic Focus, Multiple																	X									
Congestion																									4	
Deformity								X																		
Degeneration, Cystic		2							3		2					3	2		2	2		4				
Eosinophilic Focus																X				X		X				
Eosinophilic Focus, Multiple												X					X									

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

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ANIMAL ID	00361	00362	00371	00372	00381	00382	00391	00392	00401	00402	00711	00712	00721	00722	00731	00732	00741	00742	00751	00752	01311	01312	01321	01322	01331	**males (cont...)**
Hepatodiaphragmatic Nodule										X																
Infiltration Cellular, Lymphocyte																3										
Inflammation, Chronic Active								1																1		
Mineralization																	1									
Mixed Cell Focus													X													
Necrosis																3					3				3	
Pigmentation																								2		
Vacuolization Cytoplasmic								1												2	4	4				
Bile Duct, Hyperplasia	1	4	2		3		2	1	4	3	4	4	3		2	4	3	4	4	3	4	4	4			
Biliary Tract, Fibrosis																										
Hepatocyte, Degeneration																4					4	4	4		2	
Mesentery						+		+			+												+			
Fat, Necrosis								2			4															
Oral Mucosa					+						+											+		+		
Keratin Cyst											X															
Epithelium, Hyperplasia					2																	3				
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinar Cell, Hyperplasia																										
Acinus, Degeneration	2	4	2	2			1				4			2	3	2	3		2	1	2	3		1		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active															3						4					
Ulcer															4						4		4			
Epithelium, Hyperplasia						3									2						3		3			

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DAY ON TEST	0569	0737	0588	0485	0604	0585	0589	0635	0669	0584	0737	0737	0725	0737	0586	0737	0682	0632	0698	0684	0702	0634	0696	0586	0732	
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Stomach, Glandular	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																										
Necrosis																										
Pigmentation																										
Epithelium, Degeneration																										
Tongue																										
Epithelium, Hyperplasia																										
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	2	2	2	2	2		2				3	2	2	2		2			2					2	
Congestion																								4		
Thrombosis													4			4					3		4		4	
Ventricle, Dilatation																4					4					
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Adrenal Cortical Nodule																				X						
Hyperplasia																										
Hypertrophy																		3								
Metaplasia, Osseous														3												
Vacuolization Cytoplasmic	2	3				3	1		1	2	3					2		2			4	2	4	2		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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Hyperplasia							2						3			2										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia						2																			1	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	
Hyperplasia																					2		2			
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Inflammation, Suppurative																										
Pars Distalis, Cyst											4															
Pars Distalis, Hyperplasia	2				1	3				2				3						2			2		2	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst							1																		2	
C-cell, Hyperplasia					1			1		1		1				1				2	1		2	1		
GENERAL BODY SYSTEM																										
Tissue NOS														+												
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Exfoliated Germ Cell							2														4					
Hypospermia		4				4		4	4		4	4		4	4	4	4		2	4	4		4	2	3	
Epithelium, Degeneration		4				4	3	3	4		4	4		3	3	4	3			3	3					
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperkeratosis																										

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

DAY ON TEST	056	073	058	048	060	058	058	063	066	058	073	073	072	073	058	073	068	063	069	068	070	063	069	058	073	
	9	7	8	5	4	5	9	5	9	4	7	7	5	7	6	7	2	2	8	4	2	4	6	6	2	
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Inflammation, Suppurative				3		2		4	4		4	4		2	3		4	2		4	4		3		2	
Inflammation, Chronic Active					2		2									2										
Necrosis																										
Acinus, Degeneration					2	3	3		4		3	3	3	3	3	3	3			3	4		3		3	
Duct, Ectasia						3			4	3	4	4	3		3	3		3		3	4				4	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative			1		1				3				3	2		2			2		4	3		2		
Inflammation, Chronic Active		4					1								2			2		2			3			
Acinus, Degeneration									3																	
Epithelium, Hyperplasia											2	4	2		1					2			1		2	
Seminal Vesicle	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		4				4		4	4		4	4	2	4	3	3	3			4	2		3		4	
Lumen, Dilatation																						1				
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Interstitial Cell, Hyperplasia				1			1						2									1				
Seminiferous Tubule, Degeneration		4			3	4	2		4		4	4	2	4	4	4	4		4	4	4		4	2	4	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Hyperplasia	2															3				2		2		2		
Lymph Node		+		+				+	+		+		+	+	+	+		+	+			+	+		+	
Inguinal, Hyperplasia, Lymphoid																										
Inguinal, Infiltration Cellular, Plasma Cell																										
Lumbar, Hyperplasia, Lymphoid								3																		

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

DAY ON TEST	056	073	058	048	060	058	058	063	066	058	073	073	072	073	058	073	068	063	069	068	070	063	069	058	073
ANIMAL ID	00361	00362	00371	00372	00381	00382	00391	00392	00401	00402	00711	00712	00721	00722	00731	00732	00741	00742	00751	00752	01311	01312	01321	01322	01331
males (cont...)																									
Lumbar, Sinus, Dilatation								3																	
Mediastinal, Hemorrhage																									
Mediastinal, Sinus, Dilatation																									2
Pancreatic, Hyperplasia, Lymphoid																4									
Pancreatic, Sinus, Dilatation																						2			
Renal, Sinus, Dilatation																									
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage			2																						
Hyperplasia, Lymphoid												2	1												
Infiltration Cellular, Plasma Cell	3		2		4					2		3					2			2	4	4		2	
Sinus, Dilatation	2														2										
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									2
Hyperplasia, Lymphoid																				2	2	2		2	
Infiltration Cellular, Plasma Cell	3																								
Sinus, Dilatation						4							2												
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Spleen																									
Congestion																									
Depletion Lymphoid																									
Fibrosis		3	3										2			2			3			4			
Hematopoietic Cell Proliferation												2								3				2	2
Hemorrhage																									
Necrosis																									
Pigmentation								2				3		2		2									
Thymus	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.35 GLYCID / ANIMAL ID	0569 00361	0737 00362	0588 00371	0485 00372	0604 00381	0585 00382	0589 00391	0635 00392	0669 00401	0584 00402	0737 00711	0737 00712	0725 00721	0737 00722	0586 00731	0737 00732	0682 00741	0632 00742	0698 00751	0684 00752	0702 01311	0634 01312	0696 01321	0586 01322	0732 01331	males (cont...)
Atrophy	3		4		4		4	4		3		4	4			4	4	4		4		4		4	4	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Fibrosis														4												
Galactocele													4													
Lactation		3	2													2			2							
Alveolus, Hyperplasia																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion														X					X							
Fibrosis																			4							
Hyperkeratosis																										
Inflammation, Suppurative																										
Inflammation, Chronic																			4							
Epithelium, Hyperplasia																										
MUSCULOSKELETAL SYSTEM																										
Bone											+															
Cranium, Deformity																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy																					3					
Osteopetrosis															3											
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

DAY ON TEST	056	073	058	048	060	058	058	063	066	058	073	073	072	073	058	073	068	063	069	068	070	063	069	058	073	
ANIMAL ID	00361	00362	00371	00372	00381	00382	00391	00392	00401	00402	00711	00712	00721	00722	00731	00732	00741	00742	00751	00752	01311	01312	01321	01322	01331	**males (cont...)**
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression		4	2										2								2					
Hemorrhage																										
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Infiltration Cellular, Polymorphonuclear																										
Ventricle, Dilatation																										
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression																										
Mineralization												1														
Ventricle, Dilatation																										
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration	1		1	1	1		1	1	1		1	1	1	1				1	1	1	1	1	1			
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Axon, Degeneration					1	1			1	1	1		1	1	1	1	1	1	1	1	1			1	1	
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration																										
Nerve, Degeneration	1	1				1					2	1	2	2	1	2	1	1	2	1	1		1		1	
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Axon, Degeneration		1			1				1		1	1	1	1	1	1	1	1	1	1	1				1	
Nerve, Degeneration												1														

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DAY ON TEST	056	073	058	048	060	058	058	063	066	058	073	073	072	073	058	073	068	063	069	068	070	063	069	058	073	
FISCHER 344 RATS-NCTR RATS MALE	5	7	8	5	4	5	9	5	9	4	7	7	5	7	6	7	2	2	8	4	2	4	6	6	2	
0.35 GLYCID																										
ANIMAL ID	00361	00362	00371	00372	00381	00382	00391	00392	00401	00402	00711	00712	00721	00722	00731	00732	00741	00742	00751	00752	01311	01312	01321	01322	01331	**males (cont...)**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																						4				
Infiltration Cellular, Histiocyte		2																			3				2	
Inflammation, Granulomatous																										
Inflammation, Chronic						1																				
Alveolar Epithelium, Hyperplasia																					2					
Bronchus, Inflammation, Suppurative																										
Nose	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative										2																
Goblet Cell, Hyperplasia																										
Nasopharyngeal Duct, Hyperkeratosis																				4						
Nasopharyngeal Duct, Inflammation, Suppurative																				4						
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Ear													+													
Eye	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cataract																										
Bilateral, Retina, Degeneration		2							4		2								3		1		1		2	
Cornea, Inflammation, Suppurative																										
Cornea, Necrosis																										
Cornea, Ulcer																										
Retina, Degeneration													1													

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

DAY ON TEST	0569	0737	0588	0485	0604	0585	0589	0635	0669	0584	0737	0737	0725	0737	0586	0737	0682	0632	0698	0684	0702	0634	0696	0586	0732	
ANIMAL ID	00361	00362	00371	00372	00381	00382	00391	00392	00401	00402	00711	00712	00721	00722	00731	00732	00741	00742	00751	00752	01311	01312	01321	01322	01331	males (cont...)
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																										
Acinus, Degeneration																										
Zymbal's Gland																										
Inflammation, Suppurative																										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																				3						
Hyaline Droplet										3								3								
Nephropathy	3	4	1	1	2		1	3	4		3	3	3	3	2	3	2	3	2	2	4	2	4	3	4	
Pigmentation										3					2											
Transitional Epithelium, Hyperplasia																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																						3				
Lumen, Dilatation			3	4																						
Transitional Epithelium, Hyperplasia																										

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

DAY ON TEST	071 7	055 1	057 8	071 8	070 3	065 5	055 6	072 2	064 5	060 4	067 7	073 7	041 8	071 9	069 2	063 5	067 4	069 1	057 4	003 0	073 7	068 0	048 8		
ANIMAL ID	013 32	013 41	013 42	013 51	013 52	017 61	017 62	017 71	017 72	017 81	017 82	017 91	017 92	018 01	018 02	021 41	021 42	021 51	021 52	021 61	021 62	021 71	021 72		*** TOTALS**

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	
Inflammation, Suppurative																						4		**1**	**4.0**
Ulcer																						4		**1**	**4.0**
Intestine Large, Cecum	A	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+		+	+	+	**42**	
Hyperplasia, Lymphoid																								**1**	**1.0**
Lumen, Dilatation																	3							**1**	**3.0**
Intestine Large, Colon	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**43**	
Intestine Large, Rectum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**44**	
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**43**	
Epithelium, Hyperplasia																	4							**1**	**4.0**
Intestine Small, Ileum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**43**	
Epithelium, Hyperplasia																	3							**1**	**3.0**
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**43**	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	
Basophilic Focus				X								X									X			**7**	
Basophilic Focus, Multiple																								**1**	
Congestion																								**1**	**4.0**
Deformity						X	X				X													**4**	
Degeneration, Cystic	4							2		4	2	2												**13**	**2.6**
Eosinophilic Focus	X											X												**5**	
Eosinophilic Focus, Multiple																								**2**	

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FISCHER 344 RATS-NCTR RATS MALE

0.35 GLYCID

DAY ON TEST	071	055	057	071	070	065	055	072	064	060	067	073	041	071	069	063	067	069	057	003	073	068	048		
ANIMAL ID	01332	01341	01342	01351	01352	01761	01762	01771	01772	01781	01782	01791	01792	01801	01802	02141	02142	02151	02152	02161	02162	02171	02172		*** TOTALS**
Hepatodiaphragmatic Nodule											X														**1**
Infiltration Cellular, Lymphocyte																									**1 3.0**
Inflammation, Chronic Active				2																	1				**4 1.3**
Mineralization																									**1 1.0**
Mixed Cell Focus											X														**2**
Necrosis						4						2		2	4										**7 3.0**
Pigmentation				2				2	2										3						**5 2.2**
Vacuolization Cytoplasmic	4		1		2	4					3				4		4					4			**12 3.1**
Bile Duct, Hyperplasia		1		3	2	4	3	3	2	4	3	4		3		3	2	2	2		2	2	2		**38 2.9**
Biliary Tract, Fibrosis																	3								**1 3.0**
Hepatocyte, Degeneration	4	2												4	4		4								**10 3.6**
Mesentery	+			+		+								+	+										**9**
Fat, Necrosis	3			4		4								4	4										**7 3.6**
Oral Mucosa																+					+				**6**
Keratin Cyst																									**1**
Epithelium, Hyperplasia																4									**3 3.0**
Pancreas	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		**46**
Acinar Cell, Hyperplasia																	4								**1 4.0**
Acinus, Degeneration	3				3		3	4	1		2	3				2		2			2				**25 2.4**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+		**46**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		**47**
Inflammation, Chronic Active																						3			**3 3.3**
Ulcer																	3					4			**5 3.8**
Epithelium, Hyperplasia						3					2			2			4					3			**9 2.8**

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

DAY ON TEST	071	055	057	071	070	065	055	072	064	060	067	073	041	071	069	063	067	069	057	003	073	068	048	
ANIMAL ID	0133 2	0134 1	0134 2	0135 1	0135 2	0176 1	0176 2	0177 1	0177 2	0178 1	0178 2	0179 1	0179 2	0180 1	0180 2	0214 1	0214 2	0215 1	0215 2	0216 1	0216 2	0217 1	0217 2	* TOTALS	
Stomach, Glandular	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**44**	
Inflammation, Chronic Active											3													**1**	**3.0**
Necrosis										2	4													**2**	**3.0**
Pigmentation										2														**1**	**2.0**
Epithelium, Degeneration																						2		**1**	**2.0**
Tongue							+														+			**2**	
Epithelium, Hyperplasia							3																	**1**	**3.0**
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	
Cardiomyopathy		2	1	1	2		2	2	2	3	2	2	2	2		2			3		2	2	1	**31**	**2.0**
Congestion																								**1**	**4.0**
Thrombosis						2								4	4									**8**	**3.6**
Ventricle, Dilatation																								**2**	**4.0**
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	
Accessory Adrenal Cortical Nodule										X									X					**3**	
Hyperplasia							2																	**1**	**2.0**
Hypertrophy																								**1**	**3.0**
Metaplasia, Osseous																								**1**	**3.0**
Vacuolization Cytoplasmic	2			2		4		2	2		4	3	2	3	4		4	1			3	4	2	**28**	**2.6**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	

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FISCHER 344 RATS-NCTR RATS MALE
0.35 GLYCID

DAY ON TEST	071 7	055 1	057 8	071 8	070 3	065 5	055 6	072 2	064 5	060 4	067 7	073 7	041 8	071 9	069 2	063 5	067 4	069 1	057 4	003 0	073 7	068 0	048 8	
ANIMAL ID	013 32	013 41	013 42	013 51	013 52	017 61	017 62	017 71	017 72	017 81	017 82	017 91	017 92	018 01	018 02	021 41	021 42	021 51	021 52	021 61	021 62	021 71	021 72	* TOTALS
Hyperplasia	2							2																**5 2.2**
Islets, Pancreatic	A	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**45**
Hyperplasia																								**2 1.5**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+		+	+	+	**45**
Hyperplasia											3													**3 2.3**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Hemorrhage																			4					**1 4.0**
Inflammation, Suppurative																			4					**1 4.0**
Pars Distalis, Cyst																								**1 4.0**
Pars Distalis, Hyperplasia				2								3												**10 2.2**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Cyst	2																							**3 1.7**
C-cell, Hyperplasia		1	1				1	2					1			1	1	1			3			**18 1.3**
GENERAL BODY SYSTEM																								
Tissue NOS																								**1**
GENITAL SYSTEM																								
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Exfoliated Germ Cell		3																						**3 3.0**
Hypospermia	4	3	4	4		4			4	3	3	4		4	4	3	4	3				4		**31 3.7**
Epithelium, Degeneration	4		3	3	2	4			4	3	3	4		3	4	3	4	3				3		**28 3.4**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Hyperkeratosis														4										**1 4.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.35 GLYCID

DAY ON TEST	071 7	055 1	057 8	071 8	070 3	065 5	055 6	072 2	064 5	060 4	067 7	073 7	041 8	071 9	069 2	063 5	067 4	069 1	057 4	003 0	073 7	068 0	048 8	
ANIMAL ID	013 32	013 41	013 42	013 51	013 52	017 61	017 62	017 71	017 72	017 81	017 82	017 91	017 92	018 01	018 02	021 41	021 42	021 51	021 52	021 61	021 62	021 71	021 72	*** TOTALS**
Inflammation, Suppurative					4	3	2				4	3		3	3	4	3					4		**24 3.3**
Inflammation, Chronic Active	2		2					2					1								4			**8 2.1**
Necrosis																					4			**1 4.0**
Acinus, Degeneration	4		2		3	2				3	3				4	3	3				3		3	**26 3.0**
Duct, Ectasia	4				4	2			1		4	4		4	2	4					4	4		**23 3.4**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Inflammation, Suppurative				1	2	3		2		2	3					1	4	2	3			4		**21 2.4**
Inflammation, Chronic Active									2					2										**8 2.3**
Acinus, Degeneration																								**1 3.0**
Epithelium, Hyperplasia											2													**8 2.0**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**46**
Atrophy	4		4	4	2	3			4		3			4	4	4	4					3		**27 3.5**
Lumen, Dilatation																								**1 1.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Interstitial Cell, Hyperplasia					2														1					**6 1.3**
Seminiferous Tubule, Degeneration	4	4	2	4	2	4	2	2	4	4	4	4		4	4	3	4	4	2		3	4		**38 3.5**
HEMATOPOIETIC SYSTEM																								
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**46**
Atrophy																						4		**1 4.0**
Hyperplasia		3		3			2		2				3	3				2						**12 2.4**
Lymph Node	+			+			+			+					+	+	+	+	M		+			**23**
Inguinal, Hyperplasia, Lymphoid																		3						**1 3.0**
Inguinal, Infiltration Cellular, Plasma Cell																		3						**1 3.0**
Lumbar, Hyperplasia, Lymphoid																								**1 3.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.35 GLYCID

DAY ON TEST	07177	05511	05788	07188	07003	06555	05566	07222	06445	06004	06777	07377	04188	07199	06902	06335	06744	06911	05744	00300	07377	06800	04848	
ANIMAL ID	01332	01341	01342	01351	01352	01761	01762	01771	01772	01781	01782	01791	01792	01801	01802	02141	02142	02151	02152	02161	02162	02171	02172	*** TOTALS**
Lumbar, Sinus, Dilatation																	4				2			**1 3.0**
Mediastinal, Hemorrhage							2														2			**2 3.0**
Mediastinal, Sinus, Dilatation																2								**2 2.0**
Pancreatic, Hyperplasia, Lymphoid																								**1 4.0**
Pancreatic, Sinus, Dilatation																3								**2 2.5**
Renal, Sinus, Dilatation																								
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Hemorrhage																								**1 2.0**
Hyperplasia, Lymphoid		1					2						3			3			2					**7 2.0**
Infiltration Cellular, Plasma Cell			3	2	4		2	2				2	4			2					2	2		**20 2.7**
Sinus, Dilatation			2				2												2		3			**6 2.2**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**46**
Hemorrhage																								**1 2.0**
Hyperplasia, Lymphoid		2	1		2		1		2		2	2						2						**12 1.8**
Infiltration Cellular, Plasma Cell																								**1 3.0**
Sinus, Dilatation												3				3					3			**5 3.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Accessory Spleen															X									**1**
Congestion								4				4												**2 4.0**
Depletion Lymphoid																	4							**1 4.0**
Fibrosis				3						2	3	4			4			2			3			**13 2.9**
Hematopoietic Cell Proliferation		4											2	4				3						**8 2.8**
Hemorrhage							3																	**1 3.0**
Necrosis							3																	**1 3.0**
Pigmentation					4			3	3		3	4	2				4	2				4		**13 2.9**
Thymus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**42**

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DAY ON TEST	071 7	055 1	057 8	071 8	070 3	065 5	055 6	072 2	064 5	060 4	067 7	073 7	041 8	071 9	069 2	063 5	067 4	069 1	057 4	003 0	073 7	068 0	048 8	
FISCHER 344 RATS-NCTR RATS MALE																								
0.35 GLYCID																								
ANIMAL ID	013 32	013 41	013 42	013 51	013 52	017 61	017 62	017 71	017 72	017 81	017 82	017 91	017 92	018 01	018 02	021 41	021 42	021 51	021 52	021 61	021 62	021 71	021 72	*** TOTALS**
Atrophy		4	2	4	4		4	4	4	4	4	4	2	4		4	4	4	4		3	4	4	**34 3.8**
INTEGUMENTARY SYSTEM																								
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+		+	+	+	**44**
Fibrosis																								**1 4.0**
Galactocele					3																4	4		**4 3.8**
Lactation									2		2													**6 2.2**
Alveolus, Hyperplasia																						3		**1 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Cyst Epithelial Inclusion						X									4				X					**5 4.0**
Fibrosis											4													**2 4.0**
Hyperkeratosis																						4		**1 4.0**
Inflammation, Suppurative						4																		**1 4.0**
Inflammation, Chronic																								**1 4.0**
Epithelium, Hyperplasia																						3		**1 3.0**
MUSCULOSKELETAL SYSTEM																								
Bone						+						+												**3**
Cranium, Deformity						X																		**1**
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Fibrous Osteodystrophy																								**1 3.0**
Osteopetrosis																								**1 3.0**
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
NERVOUS SYSTEM																								

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FISCHER 344 RATS-NCTR RATS MALE

0.35 GLYCID

DAY ON TEST	071	055	057	071	070	065	055	072	064	060	067	073	041	071	069	063	067	069	057	003	073	068	048	
ANIMAL ID	01332	01341	01342	01351	01352	01761	01762	01771	01772	01781	01782	01791	01792	01801	01802	02141	02142	02151	02152	02161	02162	02171	02172	*** TOTALS**
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Compression					2						2						1					2		**8 2.1**
Hemorrhage																			1					**1 1.0**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Hemorrhage											2													**1 2.0**
Infiltration Cellular, Polymorphonuclear											2													**1 2.0**
Ventricle, Dilatation					3																			**1 3.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Compression												3												**1 3.0**
Mineralization																								**1 1.0**
Ventricle, Dilatation					3						2						2							**3 2.3**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Axon, Degeneration	1	1				1	1	1	1	1		1	1	1	2									**28 1.0**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Hemorrhage																	1							**1 1.0**
Axon, Degeneration	1			1		1		1	1			1		1			1	1			1	1	1	**28 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Axon, Degeneration									1												1			**2 1.0**
Nerve, Degeneration	2	1			1	1		1	2	1	1	2		1		2	1	1	1		2	1		**32 1.3**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Hemorrhage																			2					**1 2.0**
Axon, Degeneration			1	1	1		1		1	1	1	1		1	1	1		1	1		1	1		**30 1.0**
Nerve, Degeneration											1						1		1					**4 1.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.35 GLYCID

DAY ON TEST	071	055	057	071	070	065	055	072	064	060	067	073	041	071	069	063	067	069	057	003	073	068	048	
ANIMAL ID	0133 2	0134 1	0134 2	0135 1	0135 2	0176 1	0176 2	0177 1	0177 2	0178 1	0178 2	0179 1	0179 2	0180 1	0180 2	0214 1	0214 2	0215 1	0215 2	0216 1	0216 2	0217 1	0217 2	* TOTALS	
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	
Hemorrhage																								**1**	**4.0**
Infiltration Cellular, Histiocyte												1									1			**5**	**1.8**
Inflammation, Granulomatous									3															**1**	**3.0**
Inflammation, Chronic																								**1**	**1.0**
Alveolar Epithelium, Hyperplasia																								**1**	**2.0**
Bronchus, Inflammation, Suppurative																			4					**1**	**4.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**45**	
Inflammation, Suppurative									3		2										2			**4**	**2.3**
Goblet Cell, Hyperplasia									2															**1**	**2.0**
Nasopharyngeal Duct, Hyperkeratosis																								**1**	**4.0**
Nasopharyngeal Duct, Inflammation, Suppurative																								**1**	**4.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**	
SPECIAL SENSES SYSTEM																									
Ear																								**1**	
Eye	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**44**	
Cataract																					4			**1**	**4.0**
Bilateral, Retina, Degeneration																								**7**	**2.1**
Cornea, Inflammation, Suppurative					4																			**1**	**4.0**
Cornea, Necrosis					4																			**1**	**4.0**
Cornea, Ulcer					4																			**1**	**4.0**
Retina, Degeneration																					3			**2**	**2.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.35 GLYCID

DAY ON TEST	071 7	055 1	057 8	071 8	070 3	065 5	055 6	072 2	064 5	060 4	067 7	073 7	041 8	071 9	069 2	063 5	067 4	069 1	057 4	003 0	073 7	068 0	048 8	
ANIMAL ID	013 32	013 41	013 42	013 51	013 52	017 61	017 62	017 71	017 72	017 81	017 82	017 91	017 92	018 01	018 02	021 41	021 42	021 51	021 52	021 61	021 62	021 71	021 72	*** TOTALS**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+		+	+	+	**46**
Inflammation, Chronic Active					4																			**1 4.0**
Acinus, Degeneration											4													**1 4.0**
Zymbal's Gland									+				+											**2**
Inflammation, Suppurative													4											**1 4.0**
URINARY SYSTEM																								
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Cyst																								**1 3.0**
Hyaline Droplet							4																	**3 3.3**
Nephropathy	4	1	2	3	4	3	2	4	2	3	4	4	1	2	4	2	4	4	3		4	4	2	**45 2.8**
Pigmentation																3								**3 2.7**
Transitional Epithelium, Hyperplasia												2										3		**2 2.5**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**47**
Hemorrhage																								**1 3.0**
Lumen, Dilatation	4																	4			4			**5 3.8**
Transitional Epithelium, Hyperplasia																						2		**1 2.0**

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DAY ON TEST	0684	0737	0737	0603	0714	0737	0653	0519	0612	0670	0578	0535	0737	0670	0723	0498	0737	0737	0614	0572	0681	0737	0646	0737	0686	
FISCHER 344 RATS-NCTR RATS MALE																										
0.175 GLYCID																										
ANIMAL ID	00411	00412	00421	00422	00431	00432	00441	00442	00451	00452	00861	00862	00871	00872	00881	00882	00891	00892	00901	00902	01211	01212	01221	01222	01231	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus																X					X	X				
Basophilic Focus, Multiple						X																				
Congestion															3											
Deformity					X														X							
Degeneration, Cystic	4	4			2		2		2				2					3				3	4	2	3	
Eosinophilic Focus	X					X	X																			
Eosinophilic Focus, Multiple		X																X		X						
Hemorrhage											4															
Inflammation, Chronic Active						2		1									2		2	1						
Mixed Cell Focus			X																							
Necrosis											4															
Pigmentation				2														3			2					
Vacuolization Cytoplasmic			2			2								4		2								3		

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FISCHER 344 RATS-NCTR RATS MALE
0.175 GLYCID

DAY ON TEST / ANIMAL ID	0684 0411	0737 0412	0737 0421	0603 0422	0714 0431	0737 0432	0653 0441	0519 0442	0612 0451	0670 0452	0578 0861	0535 0862	0737 0871	0670 0872	0723 0881	0498 0882	0737 0891	0737 0892	0614 0901	0572 0902	0681 1211	0737 1212	0646 1221	0737 1222	0686 1231	males (cont...)
Bile Duct, Hyperplasia	4	4	3		4	2	4		4	4	3		3	4	3	2	2	4		2	1	3	4	3	4	
Biliary Tract, Fibrosis																										
Hepatocyte, Degeneration														4	3								4			
Hepatocyte, Hyperplasia																							4			
Oval Cell, Hyperplasia																										
Mesentery	+	+			+																	+				
Hemorrhage																										
Pigmentation																										
Fat, Necrosis	3	4			3																	4				
Oral Mucosa																										
Foreign Body																										
Epithelium, Hyperplasia																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Vacuolization Cytoplasmic																										
Acinar Cell, Hyperplasia																										
Acinus, Degeneration	1	3	1			3	2			2					4		2				3	2	4	2		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																								3		
Ulcer																								4		
Epithelium, Hyperplasia																2								3		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Inflammation, Suppurative					3																					
Inflammation, Chronic Active																										

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FISCHER 344 RATS-NCTR RATS MALE																										
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ANIMAL ID	00411	00412	00421	00422	00431	00432	00441	00442	00451	00452	00861	00862	00871	00872	00881	00882	00891	00892	00901	00902	01211	01212	01221	01222	01231	**males (cont...)**
Necrosis																										
Pigmentation																										
Ulcer					4																					
Epithelium, Degeneration																										
Tongue																+										
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy		2	2	2		3	1	2	2		2	3		2	2	1	2		1	2	3	2			2	
Mineralization																	2									
Thrombosis			4			4				4			4	4	4						4		3			
Atrium, Dilatation																										
Ventricle, Dilatation																							4			
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Adrenal Cortical Nodule																							X			
Hypertrophy					3																		2			
Metaplasia, Osseous											4															
Vacuolization Cytoplasmic	2	2			2				1	2	2	2		3	2	3	2	2	2			3	2	3	2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia		1			2					2							4				2		2			
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS-NCTR RATS MALE
0.175 GLYCID

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Hyperplasia																										
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	2		2				2			2					3											
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst																							2			
Pars Distalis, Hyperplasia			3													1										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																										
C-cell, Hyperplasia		1	1		2	2	1				1		1				2	1					1	1		
Follicular Cell, Hyperplasia						2													1							
GENERAL BODY SYSTEM																										
Tissue NOS											+															
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Exfoliated Germ Cell										3					2											
Hypospermia	3	4	4	2		2	4		3		2		4	4			4	4		3	4	4		4		
Epithelium, Degeneration	3	3	4			2	3		2				4	4			2	3		2	3			4		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																										
Inflammation, Suppurative	4	4	2	2	4	4				4	4		4			4		3		3			2			
Inflammation, Chronic Active							2	1	3													2		2	2	
Acinus, Degeneration	3	3	2	2					2	3			4	3		2		3				3		3	3	

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0.175 GLYCID

DAY ON TEST	0684	0737	0737	0603	0714	0737	0653	0519	0612	0670	0578	0535	0737	0670	0723	0498	0737	0737	0614	0572	0681	0737	0646	0737	0686	
ANIMAL ID	00411	00412	00421	00422	00431	00432	00441	00442	00451	00452	00861	00862	00871	00872	00881	00882	00891	00892	00901	00902	01211	01212	01221	01222	01231	males (cont...)
Duct, Ectasia	2	4			2	3				4	4		4				4	3					2			
Epithelium, Hyperplasia						4																			3	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte								2																		
Inflammation, Suppurative		3	2		3		2			4	2	2			2	1	4			1	4	2	2	2	2	
Inflammation, Chronic Active						4			2					2				2								
Epithelium, Hyperplasia		1																					2			
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Atrophy	2	4	4	2		2	4			3			4	3				3		3	3			4		
Lumen, Dilatation																	2					2				
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyarteritis																										
Interstitial Cell, Hyperplasia																								2		
Seminiferous Tubule, Degeneration	3	4	4	3	2	2	4		3	2	4		4	4	2		4	4		3	4	4	1	4	2	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	
Atrophy																										
Hyperplasia	2	2	2								3		3			2	2				3					
Lymph Node	+					+	+		+	+	+						+							+		
Lumbar, Infiltration Cellular, Plasma Cell																										
Lumbar, Sinus, Dilatation						4																				
Mediastinal, Pigmentation											2															
Mediastinal, Sinus, Dilatation											2															
Pancreatic, Hyperplasia, Lymphoid																										

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FISCHER 344 RATS-NCTR RATS MALE
0.175 GLYCID

DAY ON TEST	0684	0737	0737	0603	0714	0737	0653	0519	0612	0670	0578	0535	0737	0670	0723	0498	0737	0737	0614	0572	0681	0737	0646	0737	0686	
ANIMAL ID	00411	00412	00421	00422	00431	00432	00441	00442	00451	00452	00861	00862	00871	00872	00881	00882	00891	00892	00901	00902	01211	01212	01221	01222	01231	**males (cont...)**
Pancreatic, Sinus, Dilatation																										
Renal, Infiltration Cellular, Plasma Cell																								3		
Renal, Sinus, Dilatation																								4		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia, Lymphoid											1		2											1		
Infiltration Cellular, Plasma Cell		3		4		3						2	3		4	3	3		3	2	3	2				
Sinus, Dilatation											2								2		2			2		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	
Angiectasis						4																				
Hemorrhage																										
Hyperplasia, Lymphoid		4									2						3		2					2		
Infiltration Cellular, Histiocyte																	4									
Infiltration Cellular, Plasma Cell																					2					
Metaplasia, Osseous																										
Sinus, Dilatation																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																4										
Depletion Lymphoid																										
Fibrosis		4			4								2					4					4	4		
Hematopoietic Cell Proliferation								2			4										2					
Hemorrhage																										
Hyperplasia, Lymphoid											3										2					
Hyperplasia, Stromal															3											
Necrosis																										
Pigmentation				2				2				2			4				3	2						

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ANIMAL ID	00411	00412	00421	00422	00431	00432	00441	00442	00451	00452	00861	00862	00871	00872	00881	00882	00891	00892	00901	00902	01211	01212	01221	01222	01231	**males (cont...)**
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	M	
Atrophy	4	4	4	4	4	4		3	4	4	2	4	4	4	4	4	4	4			4	4	4	4		
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	
Galactocele						4			4								4		3							
Lactation					2				3	2		2						3	3		2	3	2		2	
Alveolus, Hyperplasia		3																3								
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion	X					X																				
Inflammation, Chronic Active										4																
MUSCULOSKELETAL SYSTEM																										
Bone																										
Cranium, Deformity																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy																										
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression		2			3	3			4	4		3					3	3	4						3	
Hemorrhage																										

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FISCHER 344 RATS-NCTR RATS MALE
0.175 GLYCID

DAY ON TEST / ANIMAL ID	0684 0411	0737 0412	0737 0421	0603 0422	0714 0431	0737 0432	0653 0441	0519 0442	0612 0451	0670 0452	0578 0861	0535 0862	0737 0871	0670 0872	0723 0881	0498 0882	0737 0891	0737 0892	0614 0901	0572 0902	0681 1211	0737 1212	0646 1221	0737 1222	0686 1231	males (cont...)
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Ventricle, Dilatation												2						3	2							
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Mineralization						2																				
Ventricle, Dilatation												2						3	2							
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration	1	1			1			1			1		1									1	1	1	1	
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																										
Hemorrhage																										
Axon, Degeneration		1	1	1		1		1		1	1		1		1		1		1				1			
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration							1											1								
Nerve, Degeneration	1	1	1		1		1	1	1	1	1	1	1	2				1	1			1	1	2		
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration		1	1	1		1	1	1		1	1				1			1			1	1	1	1	1	
Nerve, Degeneration	1																1									
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Histiocyte			4			2													2							
Inflammation, Suppurative								3																		

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FISCHER 344 RATS-NCTR RATS MALE																										
0.175 GLYCID																										
ANIMAL ID	0041 1	0041 2	0042 1	0042 2	0043 1	0043 2	0044 1	0044 2	0045 1	0045 2	0086 1	0086 2	0087 1	0087 2	0088 1	0088 2	0089 1	0089 2	0090 1	0090 2	0121 1	0121 2	0121 2	0122 2	0122 3	**males (cont...)**
Mineralization																										
Pigmentation																					2					
Alveolar Epithelium, Hyperplasia			4																							
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Inflammation, Suppurative															2											
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Ear																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	M	+	+	+	+	+	+	A	
Bilateral, Retina, Degeneration	2				2	1																				
Retina, Degeneration														2										1		
Sclera, Metaplasia, Osseous																	2									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active				2																						
Acinus, Degeneration																										
Zymbal's Gland				+																						
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nephropathy	2	4	4	2	3	4	2	4	2	4	2	3	4	2	4	3	2	4	4	2	4	2	2	4		
Pigmentation																										
Transitional Epithelium, Hyperplasia						3																				

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FISCHER 344 RATS-NCTR RATS MALE																										
0.175 GLYCID																										
ANIMAL ID	00411	00412	00421	00422	00431	00432	00441	00442	00451	00452	00861	00862	00871	00872	00881	00882	00891	00892	00901	00902	01211	01212	01221	01222	01231	**males (cont...)**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lumen, Dilatation																										
Transitional Epithelium, Hyperplasia						2																				

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FISCHER 344 RATS-NCTR RATS MALE

0.175 GLYCID

DAY ON TEST	0667	0737	0675	0737	0730	0506	0505	0737	0737	0549	0682	0631	0691	0653	0626	0737	0737	0730	0537	0725	0449	0640	0737	
ANIMAL ID	01232	01241	01242	01251	01252	01511	01512	01521	01522	01531	01532	01541	01542	01551	01552	02181	02182	02191	02192	02201	02202	02211	02212	*** TOTALS**
ALIMENTARY SYSTEM																								
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	A	+	**43**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	**44**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	**44**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	A	+	**43**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	A	+	**43**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	A	+	**43**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Basophilic Focus															X			X					X	**6**
Basophilic Focus, Multiple		X	X						X													X		**5**
Congestion														X										**1 3.0**
Deformity																								**3**
Degeneration, Cystic		2			2				2			2		3		1	2	4		2			1	**21 2.5**
Eosinophilic Focus				X					X					X	X		X					X		**9**
Eosinophilic Focus, Multiple					X													X						**5**
Hemorrhage																								**1 4.0**
Inflammation, Chronic Active													3								1			**7 1.7**
Mixed Cell Focus																X								**2**
Necrosis												2												**2 3.0**
Pigmentation													2		3					3				**6 2.5**
Vacuolization Cytoplasmic	4		3	2		2	4				4	3								2	2			**14 2.8**

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FISCHER 344 RATS-NCTR RATS MALE

0.175 GLYCID

DAY ON TEST	0667	0737	0675	0737	0730	0506	0505	0737	0737	0549	0682	0631	0691	0653	0626	0737	0737	0730	0537	0725	0449	0640	0737		
ANIMAL ID	01232	01241	01242	01251	01252	01511	01512	01521	01522	01531	01532	01541	01542	01551	01552	02181	02182	02191	02192	02201	02202	02211	02212		*** TOTALS**
Bile Duct, Hyperplasia	3	2		2	4		4	2	2		4	2	4	4	3	2	2	3		4		4	2		**39 3.1**
Biliary Tract, Fibrosis													3												**1 3.0**
Hepatocyte, Degeneration	4						4							4											**6 3.8**
Hepatocyte, Hyperplasia	4																								**2 4.0**
Oval Cell, Hyperplasia													4												**1 4.0**
Mesentery					+														+						**6**
Hemorrhage																			3						**1 3.0**
Pigmentation					4																				**1 4.0**
Fat, Necrosis					4														2						**6 3.3**
Oral Mucosa									+									+							**2**
Foreign Body									X																**1**
Epithelium, Hyperplasia									2																**1 2.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Vacuolization Cytoplasmic																			2						**1 2.0**
Acinar Cell, Hyperplasia									4																**1 4.0**
Acinus, Degeneration		2	3		2		2					2	2							2					**19 2.3**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+		**46**
Inflammation, Chronic Active							2																		**2 2.5**
Ulcer							3																		**2 3.5**
Epithelium, Hyperplasia							2																		**3 2.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+		**44**
Inflammation, Suppurative																									**1 3.0**
Inflammation, Chronic Active					2								2						3						**3 2.3**

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FISCHER 344 RATS-NCTR RATS MALE																									
0.175 GLYCID																									
ANIMAL ID	01232	01241	01242	01251	01252	01511	01512	01521	01522	01531	01532	01541	01542	01551	01552	02181	02182	02191	02192	02201	02202	02211	02212		*** TOTALS**
Necrosis													3						4						**2 3.5**
Pigmentation													2												**1 2.0**
Ulcer					2																				**2 3.0**
Epithelium, Degeneration														3											**1 3.0**
Tongue																									**1**
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Cardiomyopathy		2		3		2	2	3	2	3			3	1	2	3	2	2	2	2	2	3	1		**36 2.1**
Mineralization																									**1 2.0**
Thrombosis	4	4	3						3		4		4												**14 3.8**
Atrium, Dilatation					4																				**1 4.0**
Ventricle, Dilatation			4																						**2 4.0**
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Accessory Adrenal Cortical Nodule																									**1**
Hypertrophy																									**2 2.5**
Metaplasia, Osseous																									**1 4.0**
Vacuolization Cytoplasmic	4		1	2	4		3				4	2	4	2	3		3			3	2	3			**31 2.5**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Hyperplasia											2														**7 2.1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.175 GLYCID / ANIMAL ID	0667 0123 2	0737 0124 1	0675 0124 2	0737 0125 1	0730 0125 2	0506 0151 1	0505 0151 2	0737 0152 1	0737 0152 2	0549 0153 1	0682 0153 2	0631 0154 1	0691 0154 2	0653 0155 1	0626 0155 2	0737 0218 1	0737 0218 2	0730 0219 1	0537 0219 2	0725 0220 1	0449 0220 2	0640 0221 1	0737 0221 2	* TOTALS	
Hyperplasia		3															2							**2**	**2.5**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Hyperplasia					2																			**6**	**2.2**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Pars Distalis, Cyst			3				2																	**3**	**2.3**
Pars Distalis, Hyperplasia		2														3			2		1			**6**	**2.0**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Cyst																		3						**1**	**3.0**
C-cell, Hyperplasia				2				1						1		1		2			1	1		**18**	**1.3**
Follicular Cell, Hyperplasia																		2						**3**	**1.7**
GENERAL BODY SYSTEM																									
Tissue NOS																								**1**	
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Exfoliated Germ Cell																								**2**	**2.5**
Hypospermia	4	4	4	4	4			4	4		4		4	3		4		4	4	4			4	**31**	**3.7**
Epithelium, Degeneration	4	2	4	4	3			3	3		4		4			3		4	2	3			3	**27**	**3.1**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Cyst																				4				**1**	**4.0**
Inflammation, Suppurative				4	4			2	4			2	3	4			4	3	4	4	2			**25**	**3.4**
Inflammation, Chronic Active										2					3								2	**9**	**2.1**
Acinus, Degeneration	4		3	3			3		4		4	3	3	3		3					2		2	**25**	**2.9**

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DAY ON TEST	0667	0737	0675	0737	0730	0506	0505	0737	0737	0549	0682	0631	0691	0653	0626	0737	0737	0730	0537	0725	0449	0640	0737		
FISCHER 344 RATS-NCTR RATS MALE																									
0.175 GLYCID																									
ANIMAL ID	01232	01241	01242	01251	01252	01511	01512	01521	01522	01531	01532	01541	01542	01551	01552	02181	02182	02191	02192	02201	02202	02211	02212	*** TOTALS**	
Duct, Ectasia		4	2	4	4		3	4	4				4	4			4	4	4	2			4	**24**	**3.5**
Epithelium, Hyperplasia																								**2**	**3.5**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Infiltration Cellular, Lymphocyte																								**1**	**2.0**
Inflammation, Suppurative		3		2	2	1	1		3		3	3		3	4		2			3			2	**29**	**2.4**
Inflammation, Chronic Active	3							2		3						2								**8**	**2.5**
Epithelium, Hyperplasia						2		3								2							2	**6**	**2.0**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**	
Atrophy	4	2	4	4	4			3					4		2	4		2	3	3				**25**	**3.2**
Lumen, Dilatation																							2	**3**	**2.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Polyarteritis																	2							**1**	**2.0**
Interstitial Cell, Hyperplasia			1			2	1					2	2		1						2			**8**	**1.6**
Seminiferous Tubule, Degeneration	4	4	4	4	4			4	4		4		4	4		4	2	4		4			4	**36**	**3.5**
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**	
Atrophy											4													**1**	**4.0**
Hyperplasia					2														3					**10**	**2.4**
Lymph Node	+		M		+		+	+	+	+	+		+				+	+		+				**19**	
Lumbar, Infiltration Cellular, Plasma Cell																	4							**1**	**4.0**
Lumbar, Sinus, Dilatation																	3							**2**	**3.5**
Mediastinal, Pigmentation																								**1**	**2.0**
Mediastinal, Sinus, Dilatation					3					2														**3**	**2.3**
Pancreatic, Hyperplasia, Lymphoid																		2						**1**	**2.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.175 GLYCID

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ANIMAL ID	01232	01241	01242	01251	01252	01511	01512	01521	01522	01531	01532	01541	01542	01551	01552	02181	02182	02191	02192	02201	02202	02211	02212	*** TOTALS**
Pancreatic, Sinus, Dilatation													2											**1 2.0**
Renal, Infiltration Cellular, Plasma Cell									2								3							**3 2.7**
Renal, Sinus, Dilatation					3				2								3			2				**5 2.8**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage					3																			**1 3.0**
Hyperplasia, Lymphoid																2		3					2	**6 1.8**
Infiltration Cellular, Plasma Cell					4	1			3				3			3	4	3	2				2	**21 2.9**
Sinus, Dilatation		2						2						3		4		4						**9 2.6**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Angiectasis																								**1 4.0**
Hemorrhage													2											**1 2.0**
Hyperplasia, Lymphoid						2	3	3	2										2		1			**11 2.4**
Infiltration Cellular, Histiocyte																								**1 4.0**
Infiltration Cellular, Plasma Cell									2															**2 2.0**
Metaplasia, Osseous								2																**1 2.0**
Sinus, Dilatation													2	3										**2 2.5**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Congestion		4											4											**3 4.0**
Depletion Lymphoid											4													**1 4.0**
Fibrosis					2						3	2	2			3		3		4				**13 3.2**
Hematopoietic Cell Proliferation		2											2						4					**6 2.7**
Hemorrhage																			4					**1 4.0**
Hyperplasia, Lymphoid																								**2 2.5**
Hyperplasia, Stromal																								**1 3.0**
Necrosis																			4					**1 4.0**
Pigmentation		3		3		2			3						2	3	2				2		4	**15 2.6**

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FISCHER 344 RATS-NCTR RATS MALE
0.175 GLYCID

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ANIMAL ID	01232	01241	01242	01251	01252	01511	01512	01521	01522	01531	01532	01541	01542	01551	01552	02181	02182	02191	02192	02201	02202	02211	02212		* TOTALS
Thymus	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+		43
Atrophy		4	4	4	4	4	4	4	4			3	4	4	4	4	4	4	4	4	4	4	4		41 3.9
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+		45
Galactocele																							2		5 3.4
Lactation	2				2				2				3	3			2			2					17 2.4
Alveolus, Hyperplasia													3										4		4 3.3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Cyst Epithelial Inclusion																X									3
Inflammation, Chronic Active																									1 4.0
MUSCULOSKELETAL SYSTEM																									
Bone						+								+											2
Cranium, Deformity														X											1
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Fibrous Osteodystrophy			2								4														2 3.0
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
NERVOUS SYSTEM																									
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Compression									3					2	4										13 3.2
Hemorrhage															3										1 3.0

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ANIMAL ID	01232	01241	01242	01251	01252	01511	01512	01521	01522	01531	01532	01541	01542	01551	01552	02181	02182	02191	02192	02201	02202	02211	02212	*** TOTALS**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage															1									**1 1.0**
Ventricle, Dilatation																								**3 2.3**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage															2									**1 2.0**
Mineralization														1										**2 1.5**
Ventricle, Dilatation															2									**4 2.3**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration	1	1	1	1	1			1	1		1	1	1	1	1	1			1			1	1	**26 1.0**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst													1											**1 1.0**
Hemorrhage						1																		**1 1.0**
Axon, Degeneration		1		1				1			1		1	1		1	1	1		1			1	**23 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration								1									1							**4 1.0**
Nerve, Degeneration		1		2	1			2	2		1	1	1			1		2		2			1	**29 1.2**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration		1		1					1			1		1		1	1		1	1			1	**25 1.0**
Nerve, Degeneration																		1						**3 1.0**
RESPIRATORY SYSTEM																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Infiltration Cellular, Histiocyte		2		1									3							2	1			**8 2.1**
Inflammation, Suppurative																								**1 3.0**

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FISCHER 344 RATS-NCTR RATS MALE																									
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Mineralization													2												**1 2.0**
Pigmentation									2				3												**3 2.3**
Alveolar Epithelium, Hyperplasia																									**1 4.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Inflammation, Suppurative																									**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
SPECIAL SENSES SYSTEM																									
Ear								+																	**1**
Eye	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+		**43**
Bilateral, Retina, Degeneration					3						2														**5 2.0**
Retina, Degeneration																									**2 1.5**
Sclera, Metaplasia, Osseous																			2						**2 2.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Inflammation, Chronic Active																									**1 2.0**
Acinus, Degeneration																					2				**1 2.0**
Zymbal's Gland					+													+							**3**
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Nephropathy	2	3	3	4	4	2	2	2	4		3	3	3	3	4	4	4	4	4	4	2	3	3		**46 3.1**
Pigmentation																			2						**1 2.0**
Transitional Epithelium, Hyperplasia																									**1 3.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.175 GLYCID

DAY ON TEST	067	073	067	073	073	050	050	073	073	054	068	063	069	065	062	073	073	073	053	072	044	064	073	
ANIMAL ID	0123 2	0124 1	0124 2	0125 1	0125 2	0151 1	0151 2	0152 1	0152 2	0153 1	0153 2	0154 1	0154 2	0155 1	0155 2	0218 1	0218 2	0219 1	0219 2	0220 1	0220 2	0221 1	0221 2	*** TOTALS**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Lumen, Dilatation										2					4									**2 3.0**
Transitional Epithelium, Hyperplasia																								**1 2.0**

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.0875 GLYCID / ANIMAL ID	073701	057402	067503	059204	073705	073706	073707	073708	064009	073710	055911	064112	062413	046814	064915	073716	064817	073718	073719	069520	065821	073722	047723	073724	032325
	001111	001112	001121	001122	001131	001132	001141	001142	001151	001152	009961	009962	009971	009972	009981	009982	009991	009992	010001	010002	010061	010062	010071	010072	010081
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	+	A
Intestine Large, Colon	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	A	+	+	+	A
Intestine Large, Rectum	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	+	A
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	+	A
Inflammation, Chronic Active																									
Necrosis																									
Epithelium, Hyperplasia																									
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	+	A
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	+	A
Bacterium																									
Inflammation, Chronic Active																									
Necrosis																									
Liver	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																			X						
Basophilic Focus, Multiple						X										X								X	
Clear Cell Focus						X																			
Deformity																					X				X
Degeneration, Cystic	2				4		4	4	2	4		4	2		3	3	3		2	4		4			
Eosinophilic Focus						X											X	X							
Eosinophilic Focus, Multiple	X				X			X				X										X			

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FISCHER 344 RATS-NCTR RATS MALE
0.0875 GLYCID

DAY ON TEST	073 7	057 4	067 5	059 2	073 7	073 7	073 7	073 7	064 0	073 7	055 9	064 1	062 4	046 8	064 9	073 7	064 8	073 7	073 7	069 5	065 8	073 7	047 7	073 7	032 3	
ANIMAL ID	001 11	001 12	001 21	001 22	001 31	001 32	001 41	001 42	001 51	001 52	009 61	009 62	009 71	009 72	009 81	009 82	009 91	009 92	010 01	010 02	010 61	010 62	010 71	010 72	010 81	**males (cont...)**
Hepatodiaphragmatic Nodule																										
Hypertrophy																										
Infiltration Cellular, Polymorphonuclear																										
Inflammation, Chronic Active			1																							
Mixed Cell Focus																					X			X		
Necrosis																4										
Pigmentation			2																3		2					
Thrombosis																										
Vacuolization Cytoplasmic						2	4		3				2					3			3		2			
Bile Duct, Hyperplasia	2		2	3	4	1	4	4	4	4		4	2	2	3	4	4	3	3	4	3	4		2		
Biliary Tract, Fibrosis																				4						
Hepatocyte, Degeneration				3								4														
Hepatocyte, Hyperplasia							4																			
Mesentery							+								+							+				
Fat, Necrosis							4								4											
Oral Mucosa						+						+								+						
Epithelium, Hyperplasia						2														4						
Pancreas	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	
Polyarteritis																										
Acinus, Degeneration			2	1		4	2		4	2		2	2		2			2	3		2	4		2		
Salivary Glands	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Inflammation, Chronic Active																										
Ulcer																										
Epithelium, Hyperplasia		3																								

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FISCHER 344 RATS-NCTR RATS MALE
0.0875 GLYCID

DAY ON TEST	073 7	057 4	067 5	059 2	073 7	073 7	073 7	073 7	064 0	073 7	055 9	064 1	062 4	046 8	064 9	073 7	064 8	073 7	073 7	069 5	065 8	073 7	047 7	073 7	032 3	
ANIMAL ID	001 11	001 12	001 21	001 22	001 31	001 32	001 41	001 42	001 51	001 52	009 61	009 62	009 71	009 72	009 81	009 82	009 91	009 92	010 01	010 02	010 61	010 62	010 71	010 72	010 81	**males (cont...)**
Stomach, Glandular	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	+	A	
Necrosis							3																			
Pigmentation																										
Ulcer																										
Tongue															+											
Inflammation, Suppurative															4											
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	2	1	1	3	3		3	2		3	2	2	2		2		3	1	2	3	2	2	3	2	
Metaplasia, Osseous																					2					
Mineralization						3																				
Thrombosis		4		2	4			4						3		4				2						
Atrium, Dilatation																	4			4						
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Degeneration, Cystic								3																		
Vacuolization Cytoplasmic			2		2		3		2	2		3	2			2	2		3					2		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Hyperplasia					2			3	1						2		2		2		2	3				
Necrosis																										
Islets, Pancreatic	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	

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DAY ON TEST	073	054	067	059	073	073	073	073	064	073	055	064	062	046	064	073	064	073	073	069	065	073	047	073	032
FISCHER 344 RATS-NCTR RATS MALE																									
0.0875 GLYCID ANIMAL ID	001 11	001 12	001 21	001 22	001 31	001 32	001 41	001 42	001 51	001 52	009 61	009 62	009 71	009 72	009 81	009 82	009 91	009 92	010 01	010 02	010 61	010 62	010 71	010 72	010 81	**males (cont...)**
Fibrosis																3									
Hyperplasia									2							3			3						
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		2				1	2	2											2					2	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
Pars Distalis, Angiectasis																									
Pars Distalis, Hyperplasia				2			3										2	2				2			
Pars Intermedia, Cyst																									
Pars Nervosa, Rathke's Cleft, Degeneration																			3						
Thyroid Gland	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	A
Cyst																									
C-cell, Hyperplasia			3	1	1		2			1							1					1		2	
Follicular Cell, Hyperplasia			2							1															

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A
Exfoliated Germ Cell									3																
Hypospermia	4					4	4	4		4					3	3	4	4	4	2		4		4	
Epithelium, Degeneration	4					4	4	4		3					3			4		3		4		2	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Plasma Cell		3																							

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FISCHER 344 RATS-NCTR RATS MALE
0.0875 GLYCID

DAY ON TEST / ANIMAL ID	0737 0011	0574 0012	0675 0121	0592 0122	0737 0131	0737 0132	0737 0141	0737 0142	0640 0151	0737 0152	0559 0961	0641 0962	0624 0971	0468 0972	0649 0981	0737 0982	0648 0991	0737 0992	0695 1001	0695 1002	0658 1061	0737 1062	0477 1071	0737 1072	0323 1081
Inflammation, Suppurative	4		2		3			4	4				2			2	4					3		4	
Inflammation, Chronic Active				2						2				2				2			2				
Acinus, Degeneration	3	4				3	3	3		3				3	3	3	3		2					3	
Duct, Ectasia	4		3	3	4		2	4	4	2			3		4		4	3			3			4	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative			4	1						2		3	4			3			2	3	3	1		2	
Inflammation, Chronic Active									4					3	1										
Necrosis																									
Epithelium, Hyperplasia										2					1						2				
Seminal Vesicle	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	+	+	+	+	A
Atrophy	4						4	4		4					3		4	4				4			
Lumen, Dilatation																					4				
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Hyperplasia		2			1		3																		
Seminiferous Tubule, Degeneration	4		2	2		4	4	4	2	4			1		4	3	4	4	3	4	4	4		4	
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	A	+	+	+	A
Atrophy																4									
Hyperplasia																									
Lymph Node			+	+			+		+	+		+			+				+	+		+			
Lumbar, Sinus, Dilatation			2																			3			
Mediastinal, Hemorrhage												3													
Mediastinal, Sinus, Dilatation																									
Pancreatic, Hyperplasia, Lymphoid																						1			

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FISCHER 344 RATS-NCTR RATS MALE
0.0875 GLYCID

DAY ON TEST	07377	05742	06755	05922	07377	07377	07377	07377	06400	07377	05559	06441	06244	04688	06499	07377	06488	07377	07377	06955	06588	07377	04777	07377	03223	
ANIMAL ID	00111	00112	00121	00122	00131	00132	00141	00142	00151	00152	00961	00962	00971	00972	00981	00982	00991	00992	01001	01002	01061	01062	01071	01072	01081	**males (cont...)**
Pancreatic, Sinus, Dilatation																										
Renal, Hemorrhage																										
Renal, Sinus, Dilatation																										
Sinus, Dilatation																			4							
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	A	
Hemorrhage																										
Hyperplasia, Lymphoid				3												2	3	3				3				
Infiltration Cellular, Plasma Cell		3	3	2	2	2		4				3	3					3	2			2		2		
Infiltration Cellular, Polymorphonuclear								4																		
Sinus, Dilatation			3									3			4				2							
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	
Hemorrhage												3														
Hyperplasia, Lymphoid						2							2			3			2				1			
Infiltration Cellular, Plasma Cell		2																								
Sinus, Dilatation												3														
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A	
Accessory Spleen					X								X													
Congestion																			4							
Fibrosis									4	3						4						4				
Hematopoietic Cell Proliferation																								2		
Hemorrhage																										
Hyperplasia, Lymphoid		3																2								
Necrosis																										
Pigmentation			3			2							3					2	3		3		2	2		
Thymus	+	M	+	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	A	M	+	+	+	A	
Atrophy	4		4	4	4	4		3	4	4		4	4		4	4	4	4	4			3	2	4		

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.0875 GLYCID / ANIMAL ID	0737 0011	0574 0112	0675 0121	0592 0122	0737 0131	0737 0132	0737 0141	0737 0142	0640 0151	0737 0152	0559 0961	0641 0962	0624 0971	0468 0972	0649 0981	0737 0982	0648 0991	0737 0992	0737 1001	0695 1002	0658 1061	0737 1062	0477 1071	0737 1072	0323 1081	males (cont...)
Hemorrhage																										
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Galactocele								4											3							
Lactation									2			2	2								2			1		
Alveolus, Hyperplasia																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion															X											
Fibrosis																	4									
Hyperkeratosis																					2					
Inflammation, Chronic Active																					2					
Epithelium, Hyperplasia																					2					
MUSCULOSKELETAL SYSTEM																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy															4											
Osteopetrosis									4																	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression			4					2		2			2						1		3			1		
Gliosis																						1				
Hemorrhage			3										2													

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FISCHER 344 RATS-NCTR RATS MALE																										
0.0875 GLYCID ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	009	009	009	009	009	009	009	009	010	010	010	010	010	010	**males (cont...)**
	111	112	121	122	131	132	141	142	151	152	961	962	971	972	981	982	991	992	001	002	061	062	071	072	081	
Necrosis													2													
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ventricle, Dilatation			2																							
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ventricle, Dilatation			2							2																
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration			1		1		1	1		1	1		1		1	1		1	1	2		1				
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Axon, Degeneration	1				1		1			1		1				1	1		1	1						
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Axon, Degeneration								1	1				1													
Nerve, Degeneration	1		2			1	1	1	1	1					1	1		1	1	2		2		2		
Nerve, Gliosis																1										
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Axon, Degeneration	1				1	1	1	1		1					1	1	1		1			1				
Nerve, Degeneration			1							1										1						
RESPIRATORY SYSTEM																										
Lung	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Histiocyte																2								2	2	
Pigmentation																										
Alveolar Epithelium, Hyperplasia																			2							

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.0875 GLYCID / ANIMAL ID	0737 0111	0574 0112	0675 0121	0592 0122	0737 0131	0737 0132	0737 0141	0737 0142	0640 0151	0737 0152	0559 0961	0641 0962	0624 0971	0468 0972	0649 0981	0737 0982	0648 0991	0737 0992	0737 1001	0695 1002	0658 1061	0737 1062	0477 1071	0737 1072	0323 1081	males (cont...)
Nose	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Inflammation, Suppurative										2							3									
Inflammation, Chronic Active																				2						
Goblet Cell, Hyperplasia																	3									
Trachea	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	A	
SPECIAL SENSES SYSTEM																										
Eye	+	A	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	+	A	
Cataract																										
Phthisis Bulbi							4																			
Bilateral, Retina, Degeneration										2																
Retina, Degeneration								1																		
Sclera, Metaplasia, Osseous																										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte																								1	1	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	A	
Hydronephrosis													1													
Nephropathy	4	4	4	2	4	3	3	4	3	4		2	4		3	3	3	4	4		4	4	1	4		
Urinary Bladder	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	A	
Lumen, Dilatation			4								3								4							

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FISCHER 344 RATS-NCTR RATS MALE

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DAY ON TEST	0718	0737	0737	0737	0737	0737	0632	0603	0625	0572	0684	0697	0502	0737	0679	0680	0466	0515	0737	0647	0717	0683	0715	
ANIMAL ID	01082	01091	01092	01101	01102	01661	01662	01671	01672	01681	01682	01691	01692	01701	01702	02061	02062	02071	02072	02081	02082	02091	02092	*** TOTALS**
ALIMENTARY SYSTEM																								
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Intestine Large, Cecum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	A	+	A	+	+	+	**37**
Intestine Large, Colon	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	A	+	A	+	+	+	**38**
Intestine Large, Rectum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	A	+	A	+	+	+	**37**
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	A	+	A	+	+	+	**37**
Inflammation, Chronic Active												3												**1 3.0**
Necrosis												3												**1 3.0**
Epithelium, Hyperplasia												4												**1 4.0**
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	A	+	A	+	+	+	**37**
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+	A	+	+	+	A	A	+	A	+	A	+	+	+	**36**
Bacterium	4																							**1 4.0**
Inflammation, Chronic Active	4																							**1 4.0**
Necrosis	4																							**1 4.0**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Basophilic Focus																								**1**
Basophilic Focus, Multiple	X		X		X									X					X					**8**
Clear Cell Focus														X										**2**
Deformity									X											X				**4**
Degeneration, Cystic	2	2		3	2				4						3									**20 3.1**
Eosinophilic Focus		X										X			X									**6**
Eosinophilic Focus, Multiple																								**5**

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DAY ON TEST	071 8	073 7	073 7	073 7	073 7	073 7	063 2	060 3	062 5	057 2	068 4	069 7	050 2	073 7	067 9	068 0	046 6	051 5	073 7	064 7	071 7	068 3	071 5		
ANIMAL ID	0108 2	0109 1	0109 2	0110 1	0110 2	0116 6 1	0116 6 2	0116 7 1	0116 7 2	0116 8 1	0116 8 2	0116 9 1	0116 9 2	0117 0 1	0117 0 2	0200 6 1	0200 6 2	0200 7 1	0200 7 2	0200 8 1	0200 8 2	0200 9 1	0200 9 2		*** TOTALS**
Hepatodiaphragmatic Nodule									X																**1**
Hypertrophy													4												**1 4.0**
Infiltration Cellular, Polymorphonuclear																4									**1 4.0**
Inflammation, Chronic Active						1				1				2			1								**5 1.2**
Mixed Cell Focus																									**2**
Necrosis				2							4	2								4					**5 3.2**
Pigmentation										2													3		**5 2.4**
Thrombosis									4											4					**2 4.0**
Vacuolization Cytoplasmic		3		4			4		4			4	4		4						4				**15 3.3**
Bile Duct, Hyperplasia	1	2	3	4	2	2	3	4	4		4		4	2	4	4	2		3			4			**38 3.1**
Biliary Tract, Fibrosis																									**1 4.0**
Hepatocyte, Degeneration				4								4	4		4										**6 3.8**
Hepatocyte, Hyperplasia																									**1 4.0**
Mesentery				+			+	+	+								+								**8**
Fat, Necrosis				4			3	4									3								**6 3.7**
Oral Mucosa																									**3**
Epithelium, Hyperplasia																									**2 3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+		**44**
Polyarteritis														2											**1 2.0**
Acinus, Degeneration	3	3	3	2	2		4	4	4	2	2	2							4	3	2	4	2		**30 2.7**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+		**44**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+		**46**
Inflammation, Chronic Active							3					4									3				**3 3.3**
Ulcer							3					4									4				**3 3.7**
Epithelium, Hyperplasia				3			2					3									3		2		**6 2.7**

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FISCHER 344 RATS-NCTR RATS MALE

0.0875 GLYCID

DAY ON TEST	0718	0737	0737	0737	0737	0737	0632	0603	0625	0572	0684	0697	0502	0737	0679	0680	0466	0515	0737	0647	0717	0683	0715	
ANIMAL ID	01082	01091	01092	01101	01102	01661	01662	01671	01672	01681	01682	01691	01692	01701	01702	02061	02062	02071	02072	02081	02082	02091	02092	*** TOTALS**
Stomach, Glandular	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	A	+	+	+	+	+	**38**
Necrosis												3								3				**3 3.0**
Pigmentation											4									3				**2 3.5**
Ulcer											4													**1 4.0**
Tongue																								**1**
Inflammation, Suppurative																								**1 4.0**
CARDIOVASCULAR SYSTEM																								
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cardiomyopathy	2	1	2	2	2	2		2		2		2	2		3		1	2	3	2	2			**37 2.1**
Metaplasia, Osseous																								**1 2.0**
Mineralization												2												**2 2.5**
Thrombosis				4							4	3		4		4					4		4	**14 3.6**
Atrium, Dilatation																								**2 4.0**
ENDOCRINE SYSTEM																								
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Degeneration, Cystic																								**1 3.0**
Vacuolization Cytoplasmic	4			2			4		2	2	4	3	4	2	2	2	3			2	3	2	2	**27 2.5**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hyperplasia		2																		3	2			**11 2.2**
Necrosis							3																	**1 3.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	**45**

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FISCHER 344 RATS-NCTR RATS MALE

0.0875 GLYCID

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ANIMAL ID	01082	01091	01092	01101	01102	01661	01662	01671	01672	01681	01682	01691	01692	01701	01702	02061	02062	02071	02072	02081	02082	02091	02092		*** TOTALS**
Fibrosis																									**1 3.0**
Hyperplasia					1																				**4 2.3**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Hyperplasia				2					2					2							1				**10 1.8**
Pituitary Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**46**
Pars Distalis, Angiectasis																	2								**1 2.0**
Pars Distalis, Hyperplasia	3		2					2								2						4			**10 2.4**
Pars Intermedia, Cyst	2																								**1 2.0**
Pars Nervosa, Rathke's Cleft, Degeneration																						2			**2 2.5**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+		**42**
Cyst	2																								**1 2.0**
C-cell, Hyperplasia		2			3	1				1	2		1	2			1								**16 1.6**
Follicular Cell, Hyperplasia																									**2 1.5**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+		**45**
Exfoliated Germ Cell																									**1 3.0**
Hypospermia	4	4	4	4	4	4	3	4	3		2			3					4	4	4	4	4		**29 3.7**
Epithelium, Degeneration	4		3	4	4	2	2	4	3		2	3							2	4	3	4	3		**25 3.3**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Infiltration Cellular, Plasma Cell																									**1 3.0**

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / 0.0875 GLYCID / ANIMAL ID	0718 01082	0737 01091	0737 01092	0737 01101	0737 01102	0737 01661	0632 01662	0603 01671	0625 01672	0572 01681	0684 01682	0697 01691	0502 01692	0737 01701	0679 01702	0680 02061	0466 02062	0515 02071	0737 02072	0647 02081	0717 02082	0683 02091	0715 02092	* TOTALS	
Inflammation, Suppurative	4	1	2	4	3	4	4	2				2		4	4	4			4	2	3	4	3	**27**	**3.2**
Inflammation, Chronic Active									3				2											**7**	**2.1**
Acinus, Degeneration	3	2	2	3	3	4		3	3			3		4	4					3	3			**25**	**3.0**
Duct, Ectasia	3			4		4	4		2			4		4						2	3	4		**24**	**3.4**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	**47**	
Inflammation, Suppurative		2	2			2		2	4	3	4	3	3	2			2				3		2	**24**	**2.6**
Inflammation, Chronic Active	2			2																		2		**6**	**2.3**
Necrosis											4													**1**	**4.0**
Epithelium, Hyperplasia											2			1					2				2	**7**	**1.7**
Seminal Vesicle	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	A	+	A	+	+	+	**38**	
Atrophy	4		3	4	4				3		4								3		3	4		**17**	**3.7**
Lumen, Dilatation																								**1**	**4.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Interstitial Cell, Hyperplasia																								**3**	**2.0**
Seminiferous Tubule, Degeneration	4	4	4	4	4	4	3	4	2		2	2		4					4	4	4	4	4	**35**	**3.5**
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	**40**	
Atrophy					4							4									4			**4**	**4.0**
Hyperplasia			2							3							3						2	**4**	**2.5**
Lymph Node				+			+	+	+		+		+			+				+	+			**19**	
Lumbar, Sinus, Dilatation																								**2**	**2.5**
Mediastinal, Hemorrhage																								**1**	**3.0**
Mediastinal, Sinus, Dilatation				2																	2			**2**	**2.0**
Pancreatic, Hyperplasia, Lymphoid																								**1**	**1.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.0875 GLYCID

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Pancreatic, Sinus, Dilatation							3																	**1 3.0**
Renal, Hemorrhage																					2			**1 2.0**
Renal, Sinus, Dilatation																					3			**1 3.0**
Sinus, Dilatation																								**1 4.0**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Hemorrhage									4															**1 4.0**
Hyperplasia, Lymphoid						2																		**6 2.7**
Infiltration Cellular, Plasma Cell			2		3	2				3		3							3		3	4	3	**21 2.7**
Infiltration Cellular, Polymorphonuclear																								**1 4.0**
Sinus, Dilatation			2											4		3			2		2	3		**10 2.8**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Hemorrhage																								**1 3.0**
Hyperplasia, Lymphoid		2				2				2				2										**9 2.0**
Infiltration Cellular, Plasma Cell		2			3					3									3			4		**6 2.8**
Sinus, Dilatation							4																	**2 3.5**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Accessory Spleen																		X						**3**
Congestion		4												4										**3 4.0**
Fibrosis			3	3	4	3						3							3					**10 3.4**
Hematopoietic Cell Proliferation					4												2						3	**4 2.8**
Hemorrhage													4											**1 4.0**
Hyperplasia, Lymphoid																								**2 2.5**
Necrosis									4		4		4											**3 4.0**
Pigmentation		4	3		3	3						4		3			1		4		4			**17 2.9**
Thymus	+	+	+	+	+	+	M	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	**38**
Atrophy	4	4	4	4	4	4			4	4	4	4	4	4		4	3	3	4	4	4	4		**37 3.8**

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FISCHER 344 RATS-NCTR RATS MALE																									
0.0875 GLYCID																									
ANIMAL ID	01082	01091	01092	01101	01102	01661	01662	01671	01672	01681	01682	01691	01692	01701	01702	02061	02062	02071	02072	02081	02082	02091	02092	*** TOTALS**	
Hemorrhage									4															**1**	**4.0**
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	**42**	
Galactocele					4																2			**4**	**3.3**
Lactation										1					2								4	**8**	**2.0**
Alveolus, Hyperplasia																							4	**1**	**4.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Cyst Epithelial Inclusion																								**1**	
Fibrosis																								**1**	**4.0**
Hyperkeratosis						3																		**2**	**2.5**
Inflammation, Chronic Active																								**1**	**2.0**
Epithelium, Hyperplasia						2																		**2**	**2.0**
MUSCULOSKELETAL SYSTEM																									
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Fibrous Osteodystrophy																								**1**	**4.0**
Osteopetrosis					4																			**2**	**4.0**
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
NERVOUS SYSTEM																									
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Compression									2			2									4			**10**	**2.3**
Gliosis																								**1**	**1.0**
Hemorrhage																								**2**	**2.5**

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DAY ON TEST	071 8	073 7	073 7	073 7	073 7	073 7	063 2	060 3	062 5	057 2	068 4	069 7	050 2	073 7	067 9	068 0	046 6	051 5	073 7	064 7	071 7	068 3	071 5	
FISCHER 344 RATS-NCTR RATS MALE																								
0.0875 GLYCID																								
ANIMAL ID	0108 2	0109 1	0109 2	0110 1	0110 2	0116 6 1	0116 6 2	0116 7 1	0116 7 2	0116 8 1	0116 8 2	0116 9 1	0116 9 2	0117 0 1	0117 0 2	0200 6 1	0200 6 2	0200 7 1	0200 7 2	0200 8 1	0200 8 2	0200 9 1	0200 9 2	*** TOTALS**
Necrosis																								**1 2.0**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Ventricle, Dilatation																								**1 2.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Ventricle, Dilatation																								**2 2.0**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration	1				1				1		1	1		1		1						2	1	**22 1.1**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Axon, Degeneration	1		1	1	1		1		1	1	1											1	1	**19 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Axon, Degeneration		1										1				1							1	**7 1.0**
Nerve, Degeneration	1	2		2	2	1			1		1			1					2		2	1	1	**26 1.3**
Nerve, Gliosis																					1			**2 1.0**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Axon, Degeneration	1	1	1	1	1	1					1			1		1					1		1	**22 1.0**
Nerve, Degeneration				1					1	1									1	1				**8 1.0**
RESPIRATORY SYSTEM																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Infiltration Cellular, Histiocyte				3																				**4 2.3**
Pigmentation			2																		2			**2 2.0**
Alveolar Epithelium, Hyperplasia																								**1 2.0**

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FISCHER 344 RATS-NCTR RATS MALE

0.0875 GLYCID

DAY ON TEST	071 8	073 7	073 7	073 7	073 7	073 7	063 2	060 3	062 5	057 2	068 4	069 7	050 2	073 7	067 9	068 0	046 6	051 5	073 7	064 7	071 7	068 3	071 5	
ANIMAL ID	01082	01091	01092	01101	01102	01661	01662	01671	01672	01681	01682	01691	01692	01701	01702	02061	02062	02071	02072	02081	02082	02091	02092	*** TOTALS**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Inflammation, Suppurative				2																2		2		**5 2.2**
Inflammation, Chronic Active										2														**2 2.0**
Goblet Cell, Hyperplasia																								**1 3.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	**43**
SPECIAL SENSES SYSTEM																								
Eye	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	A	+	+	+	A	+	+	+	**38**
Cataract												4												**1 4.0**
Phthisis Bulbi																								**1 4.0**
Bilateral, Retina, Degeneration											1							1						**3 1.3**
Retina, Degeneration	4	2					3					4												**5 2.8**
Sclera, Metaplasia, Osseous		3		2								2											2	**4 2.3**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	**47**
Infiltration Cellular, Lymphocyte														2										**3 1.3**
URINARY SYSTEM																								
Kidney	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**44**
Hydronephrosis																								**1 1.0**
Nephropathy	3	4	4	4	3	2	2			3	3	4	3	4		4		2	4	3	4	4	4	**40 3.4**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	**43**
Lumen, Dilatation																	2		4					**5 3.4**

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DAY ON TEST	073	059	072	052	073	073	073	069	073	050	048	073	070	073	061	073	059	063	040	063	073	073	067	073	063
FISCHER 344 RATS-NCTR RATS MALE	7	7	5	3	7	7	7	8	7	9	7	7	9	7	4	3	2	3	3	4	7	7	5	7	5
CONTROL WATER	00261	00262	00271	00272	00281	00282	00291	00292	00611	00612	00621	00622	00631	00632	00641	00642	01161	01162	01171	01172	01181	01182	01191	01192	01911
ANIMAL ID																										**males (cont...)**
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	A	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																		2							
Intestine Large, Rectum	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																					4				
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	A	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis					3																				
Basophilic Focus							X					X										X		X	
Basophilic Focus, Multiple					X	X			X												X				
Clear Cell Focus											X														
Deformity														X			X								
Degeneration, Cystic						2		2	1	4				2						4	2				
Eosinophilic Focus	X																			X	X	X			
Eosinophilic Focus, Multiple					X	X				X															
Granuloma																									
Inflammation, Chronic Active	2																	2			2				
Mixed Cell Focus																									

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2) Mild 4) Marked

FISCHER 344 RATS-NCTR RATS MALE
CONTROL WATER

DAY ON TEST	073 7	059 7	072 5	052 3	073 7	073 7	073 7	069 8	073 7	050 9	048 7	073 7	070 9	073 7	061 4	073 3	059 2	063 3	040 3	063 4	073 7	073 7	067 5	073 7	063 5	
ANIMAL ID	002 61	002 62	002 71	002 72	002 81	002 82	002 91	002 92	006 11	006 12	006 21	006 22	006 31	006 32	006 41	006 42	011 61	011 62	011 71	011 72	011 81	011 82	011 91	011 92	019 11	**males (cont...)**
Necrosis							1																			
Pigmentation																										
Thrombosis																										
Vacuolization Cytoplasmic	2				3		2	4				2	4					3				3	4		1	
Bile Duct, Hyperplasia	3	2	2		2	3	1	2	4	4		2		4	2	1	3	2		4	2	4	4	2	1	
Hepatocyte, Degeneration																							4			
Hepatocyte, Hyperplasia																										
Mesentery																	+						+			
Fat, Necrosis																	3						4			
Oral Mucosa											+							+			+					
Epithelium, Hyperplasia											1							1								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																										
Acinus, Degeneration	2		3			1	4	2		2			3	4		2		2				2	4	3		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Edema																										
Epithelium, Hyperplasia								3										2								
Stomach, Glandular	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Edema																										
Inflammation, Chronic Active																										
Necrosis									2				3													
Pigmentation																										
Ulcer																										

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FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST	073	059	072	052	073	073	073	069	073	050	048	073	070	073	061	073	059	063	040	063	073	073	067	073	063
	ANIMAL ID	00261	00262	00271	00272	00281	00282	00291	00292	00611	00612	00621	00622	00631	00632	00641	00642	01161	01162	01171	01172	01181	01182	01191	01192	01911
Epithelium, Hyperplasia														4												
CARDIOVASCULAR SYSTEM																										
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy		2	2	2	3	3	3	3	2		2	3	2		3	2	3		2			3	3		2	2
Mineralization																										
Pigmentation																										
Thrombosis						4		4																		
Atrium, Dilatation																			3							
ENDOCRINE SYSTEM																										
Adrenal Cortex		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									2	
Hypertrophy																										
Vacuolization Cytoplasmic		2		3	4		2	2	3		2			3	2	2	1		3					2	3	
Adrenal Medulla		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				2		3									2							2	3		3	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia							2																			
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Pars Distalis, Angiectasis																										
Pars Distalis, Cyst											2															3

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / CONTROL WATER / ANIMAL ID	073700261	059700262	072500271	052300272	073700281	073700282	073700291	069800292	073700611	050900612	048700621	073700622	070900631	073700632	061400641	073300642	059200611	063300622	040300711	063400172	073700181	073700182	067500191	073700192	063500111
Pars Distalis, Hyperplasia				2			3		2	2										2					1
Thyroid Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst			2																						
C-cell, Hyperplasia	2		1		1	2								1		1		1							
GENERAL BODY SYSTEM																									
Tissue NOS												+													
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypospermia	3				4	4	4	4	4			4	4	4		2	3				4	4	4	3	4
Epithelium, Degeneration	2				4			3	4			4	4	3			2				3	4	4		2
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																				2					
Inflammation, Suppurative				3	2	4		4	4			4	4	4				4			4	2	4		
Inflammation, Chronic Active		2					4			2	1				1				1	3					
Necrosis																				3					
Acinus, Degeneration	3				2	3	4	4	3				4				3	3			3		4		
Duct, Ectasia	4					4		4	2			3	4		2	4	3	3			3	4	4		
Prostate	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Multilocular																									
Inflammation, Suppurative		4	3	1		3		4				2			2			3	4			2		3	2
Inflammation, Chronic Active							2		2	2			1			2				3					
Acinus, Degeneration																									
Epithelium, Hyperplasia			1															2							1

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DAY ON TEST	073 7	059 7	072 5	052 3	073 7	073 7	073 7	069 8	073 7	050 9	048 7	073 7	070 9	073 7	061 4	073 3	059 2	063 3	040 3	063 4	073 7	073 7	067 5	073 7	063 5	
FISCHER 344 RATS-NCTR RATS MALE																										
CONTROL WATER																										
ANIMAL ID	002 61	002 62	002 71	002 72	002 81	002 82	002 91	002 92	006 11	006 12	006 21	006 22	006 31	006 32	006 41	006 42	011 61	011 62	011 71	011 72	011 81	011 82	011 91	011 92	019 11	**males (cont...)**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy				2	4			2	4				4	4			2	3			4	2	4			
Lumen, Dilatation		2																	2							
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																	4									
Polyarteritis							2																			
Interstitial Cell, Hyperplasia			2				3								1					1						
Seminiferous Tubule, Degeneration	4		2		4	4	4	4	4			4	4	4		2	4	3			4	4	4	3	4	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																3					2					
Lymph Node					+		M		+				+			+	+			+		+	+	+	+	
Mediastinal, Sinus, Dilatation																										
Pancreatic, Hyperplasia, Lymphoid																						2				
Pancreatic, Infiltration Cellular, Plasma Cell																						2				
Renal, Hyperplasia, Lymphoid																2										
Renal, Infiltration Cellular, Histiocyte																										
Renal, Pigmentation																										
Renal, Sinus, Dilatation									4							3								3	3	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia, Lymphoid					2							3						3			2				2	
Infiltration Cellular, Plasma Cell	2	2			3	3	4					2			3	3		3	3		3	3		3	3	
Sinus, Dilatation	3	2								2											4			2	2	

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FISCHER 344 RATS-NCTR RATS MALE
CONTROL WATER

DAY ON TEST	073 7	059 7	072 5	052 3	073 7	073 7	073 7	069 8	073 7	050 9	048 7	073 7	070 9	073 7	061 4	073 3	059 2	063 3	040 3	063 4	073 7	073 7	067 5	073 7	063 5	
ANIMAL ID	002 61	002 62	002 71	002 72	002 81	002 82	002 91	002 92	006 11	006 12	006 21	006 22	006 31	006 32	006 41	006 42	011 61	011 62	011 71	011 72	011 81	011 82	011 91	011 92	019 11	**males (cont...)**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid	1				2	3	2								2			2	2		2	2			1	
Infiltration Cellular, Plasma Cell					2		2																			
Sinus, Dilatation						2																				
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen																										
Congestion												4										4		4		
Developmental Malformation																										
Fibrosis						1			3																	
Hematopoietic Cell Proliferation												2				2										
Hyperplasia, Lymphoid												2									2				2	
Necrosis																							3			
Pigmentation		1	3				2	4			2							3	2		2	3		3		
Red Pulp, Hyperplasia																										
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
Atrophy	4		4	3	4	4	4	4	4	4	3	4		4	4	4			4	4	3	4		4	4	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	M	+	+	+	+	+	
Galactocele																								4		
Lactation		2				2			2				1		3											
Alveolus, Hyperplasia																										
Duct, Dilatation				3																						
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion	X														X		X									
Fibrosis																										

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DAY ON TEST	073 7	059 7	072 5	052 3	073 7	073 7	073 7	069 8	073 7	050 9	048 7	073 7	070 9	073 7	061 4	073 3	059 2	063 3	040 3	063 4	073 7	073 7	067 5	073 7	063 5	
FISCHER 344 RATS-NCTR RATS MALE																										
CONTROL WATER ANIMAL ID	002 61	002 62	002 71	002 72	002 81	002 82	002 91	002 92	006 11	006 12	006 21	006 22	006 31	006 32	006 41	006 42	011 61	011 62	011 71	011 72	011 81	011 82	011 91	011 92	011 91 1	**males (cont...)**
Hyperkeratosis																				3						
Infiltration Cellular, Plasma Cell																										
Inflammation, Chronic Active																										
Necrosis																										
Ulcer																										
MUSCULOSKELETAL SYSTEM																										
Bone																										
Vertebra, Fracture																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression		3	3			2		4							4				4					3		
Hemorrhage																										
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ventricle, Dilatation								2											3							
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Meninges, Hemorrhage																									2	
Ventricle, Dilatation		2						2							2				3					3		
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration		1	1		1	1		1		1		1	1	1		1		1			1		2		1	

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FISCHER 344 RATS-NCTR RATS MALE
CONTROL WATER

DAY ON TEST	073 7	059 7	072 5	052 3	073 7	073 7	073 7	069 8	073 7	050 9	048 7	073 7	070 9	073 7	061 4	073 3	059 2	063 3	040 3	063 4	073 7	073 7	067 5	073 7	063 5	
ANIMAL ID	002 61	002 62	002 71	002 72	002 81	002 82	002 91	002 92	006 11	006 12	006 21	006 22	006 31	006 32	006 41	006 42	011 61	011 62	011 71	011 72	011 81	011 82	011 91	011 92	019 11	**males (cont...)**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Hemorrhage													4													
Axon, Degeneration	1		1		1	1	1		1			1		1		1						1				
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Gliosis																										
Axon, Degeneration																					1				1	
Nerve, Degeneration	1	1	1		1		1	1	1		1	2	1	1		1	1				1	1	1	1	1	
Nerve, Gliosis																									1	
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Axon, Degeneration			1		1	1		1	1				1			1	1				1		1			
Nerve, Degeneration												1		1							1	1				
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion		4																								
Hemorrhage																			1							
Infiltration Cellular, Histiocyte							1					1					1		1							
Pigmentation																										
Alveolar Epithelium, Hyperplasia																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative					2																					
Inflammation, Chronic Active																	2									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS-NCTR RATS MALE
CONTROL WATER

DAY ON TEST	073	059	072	052	073	073	073	069	073	050	048	073	070	073	061	073	059	063	040	063	073	073	067	073	063
ANIMAL ID	00261	00262	00271	00272	00281	00282	00291	00292	00611	00612	00621	00622	00631	00632	00641	00642	01161	01162	01171	01172	01181	01182	01191	01192	01911
males (cont...)																									
SPECIAL SENSES SYSTEM																									
Eye	+	A	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract															4										
Phthisis Bulbi																									
Bilateral, Cataract									3																
Bilateral, Retina, Degeneration									4				3											1	
Retina, Degeneration						1		2							4										
Sclera, Metaplasia, Osseous																									
Harderian Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																									
Inflammation, Chronic																									
Epithelium, Hyperplasia																									
URINARY SYSTEM																									
Kidney	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst	4																								
Hydronephrosis																									
Necrosis																									
Nephropathy	4		4	4	4	4	4	4	4	2		4	3	4	3	3	2	3	2	2	4	4	4	4	4
Transitional Epithelium, Hyperplasia												2													
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic																									
Lumen, Dilatation		3		4														4	2						

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FISCHER 344 RATS-NCTR RATS MALE

CONTROL WATER

DAY ON TEST	062	068	073	073	071	070	070	052	072	073	073	073	051	072	048	073	056	073	073	048	073	073	073	073	
ANIMAL ID	01912	01921	01922	01931	01932	01941	01942	02261	02262	02271	02272	02281	02282	02291	02292	02351	02352	02361	02362	02371	02372	02381	02382	*** TOTALS**	
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**	
Hyperplasia, Lymphoid																								**1**	**2.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**	
Edema																								**1**	**4.0**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Angiectasis																								**1**	**3.0**
Basophilic Focus																	X					X		**6**	
Basophilic Focus, Multiple			X	X		X									X					X			X	**10**	
Clear Cell Focus			X																					**2**	
Deformity																						X		**3**	
Degeneration, Cystic				2			4				2		4		3		3	2		4			2	**16**	**2.7**
Eosinophilic Focus				X			X			X	X						X	X						**10**	
Eosinophilic Focus, Multiple	X												X			X				X				**7**	
Granuloma																						2		**1**	**2.0**
Inflammation, Chronic Active			2			2		1				1												**7**	**1.7**
Mixed Cell Focus										X														**1**	

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FISCHER 344 RATS-NCTR RATS MALE

CONTROL WATER

DAY ON TEST	0628	0688	0737	0737	0711	0702	0708	0527	0724	0737	0737	0516	0725	0487	0737	0565	0737	0737	0481	0737	0737	0737	0737	
ANIMAL ID	01912	01921	01922	01931	01932	01941	01942	02261	02262	02271	02272	02281	02282	02291	02292	02351	02352	02361	02362	02371	02372	02381	02382	*** TOTALS**
Necrosis																								**1 1.0**
Pigmentation																	3	2				2		**3 2.3**
Thrombosis		3																						**1 3.0**
Vacuolization Cytoplasmic	3			2	4	2				2			4								2			**17 2.8**
Bile Duct, Hyperplasia	4	4	2	4	4	3	4		4	2	3		4		3	3	3	3		4		2	2	**39 2.9**
Hepatocyte, Degeneration					4																			**2 4.0**
Hepatocyte, Hyperplasia													4											**1 4.0**
Mesentery					+																			**3**
Fat, Necrosis																								**2 3.5**
Oral Mucosa													+											**4**
Epithelium, Hyperplasia																								**2 1.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Inflammation, Chronic Active			4																					**1 4.0**
Acinus, Degeneration	2	2	2		3		2		2	2		2	2							2	4	3		**25 2.5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Edema													3											**1 3.0**
Epithelium, Hyperplasia					2								3											**4 2.5**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Edema													2											**1 2.0**
Inflammation, Chronic Active									2				3											**2 2.5**
Necrosis	3				2				3															**5 2.6**
Pigmentation		2																						**1 2.0**
Ulcer		2																						**1 2.0**

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS MALE / CONTROL WATER / ANIMAL ID	0628 0191 2	0688 0191 2 1	0737 0192 2	0737 0193 1	0711 0193 2	0702 0194 1	0708 0194 2	0527 0226 1	0724 0226 2	0737 0227 1	0737 0227 2	0516 0228 1	0725 0228 2	0487 0229 1	0737 0229 2	0565 0235 1	0737 0235 2	0737 0236 1	0481 0236 2	0737 0237 1	0737 0237 2	0737 0238 1	0737 0238 2	* TOTALS	
Epithelium, Hyperplasia													3											**2**	**3.5**
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Cardiomyopathy				3	2		2	2		2	2	2	2	2	3	2	3	3	2	2	3	1	2	**37**	**2.4**
Mineralization															2									**1**	**2.0**
Pigmentation															3									**1**	**3.0**
Thrombosis		4	4		4				3				4							4		4	4	**10**	**3.9**
Atrium, Dilatation																	4							**2**	**3.5**
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Hyperplasia						2															2			**3**	**2.0**
Hypertrophy		3																						**1**	**3.0**
Vacuolization Cytoplasmic	2	4		2	4			2	4			2	4		3	2	4						2	**26**	**2.7**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	**46**	
Hyperplasia	2		3		3					2					3		2		2					**13**	**2.5**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Hyperplasia				3	2	2					2													**5**	**2.2**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Pars Distalis, Angiectasis																			2					**1**	**2.0**
Pars Distalis, Cyst																								**2**	**2.5**

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DAY ON TEST	062	068	073	073	071	070	070	052	072	073	073	051	072	048	073	056	073	073	048	073	073	073	073	
FISCHER 344 RATS-NCTR RATS MALE	7	8	7	7	1	2	8	7	4	7	7	6	5	7	7	5	7	7	1	7	7	7	7	
CONTROL WATER ANIMAL ID	01912	01921	01922	01931	01932	01941	01942	02261	02262	02271	02272	02281	02282	02291	02292	02351	02352	02361	02362	02371	02372	02381	02382	*** TOTALS**
Pars Distalis, Hyperplasia			2							4				2		3								**10 2.3**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Cyst																								**1 2.0**
C-cell, Hyperplasia		1		1		1							1							3		1	1	**14 1.3**
GENERAL BODY SYSTEM																								
Tissue NOS					+																			**2**
GENITAL SYSTEM																								
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hypospermia	4	3	4		4	4	4		4	4	4		4	2	4	4	4	4	2	4	4	4	4	**36 3.7**
Epithelium, Degeneration	4	3	3		4	3	4		4	4	2		4		2	2	2	3	2	4	4	4	3	**31 3.2**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage																								**1 2.0**
Inflammation, Suppurative	4	3	4		2				4	4					3			4			4			**21 3.6**
Inflammation, Chronic Active											2	2	1	2			2		2				4	**14 2.1**
Necrosis																								**1 3.0**
Acinus, Degeneration	3	3			4		3				3	3	3		3		2		3	3	2		3	**24 3.1**
Duct, Ectasia	4	2	4	4	4				4	4		3			4			4			4		4	**25 3.6**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Cyst Multilocular											3													**1 3.0**
Inflammation, Suppurative	2		3	2					2		3	2	2			1	3	2			2			**23 2.5**
Inflammation, Chronic Active						2								2	2				3	3				**11 2.2**
Acinus, Degeneration		4																						**1 4.0**
Epithelium, Hyperplasia	2					3							2							4			3	**8 2.3**

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Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Atrophy	4	2	3		4	4	4		4	4			3	2				4	3	4	4	4	4	**27**	**3.4**
Lumen, Dilatation																								**2**	**2.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cyst																								**1**	**4.0**
Polyarteritis																	2							**2**	**2.0**
Interstitial Cell, Hyperplasia	4							1									2							**7**	**2.0**
Seminiferous Tubule, Degeneration	4	4	4	2	4	4	4		4	4	4		4	3	4		4	4	4	4	4	4	4	**38**	**3.8**
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyperplasia							2	2								3	2							**6**	**2.3**
Lymph Node	+	+	+		+				+						+					+				17	
Mediastinal, Sinus, Dilatation			2																					**1**	**2.0**
Pancreatic, Hyperplasia, Lymphoid																								**1**	**2.0**
Pancreatic, Infiltration Cellular, Plasma Cell																								**1**	**2.0**
Renal, Hyperplasia, Lymphoid																								**1**	**2.0**
Renal, Infiltration Cellular, Histiocyte	4																							**1**	**4.0**
Renal, Pigmentation																				2				**1**	**2.0**
Renal, Sinus, Dilatation																				2				**5**	**3.0**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hemorrhage																					2			**1**	**2.0**
Hyperplasia, Lymphoid														2						3				**7**	**2.4**
Infiltration Cellular, Plasma Cell	2		3	2	3	3		3		3	3			2			3	3		2	2			**27**	**2.7**
Sinus, Dilatation			2			3	2	2	3	4			2		4							3		**15**	**2.7**

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FISCHER 344 RATS-NCTR RATS MALE

CONTROL WATER

DAY ON TEST	0628	0688	0737	0737	0711	0702	0708	0527	0724	0737	0737	0516	0725	0487	0737	0565	0737	0737	0481	0737	0737	0737	0737	
ANIMAL ID	01912	01921	01922	01931	01932	01941	01942	02261	02262	02271	02272	02281	02282	02291	02292	02351	02352	02361	02362	02371	02372	02381	02382	*** TOTALS**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia, Lymphoid	2			2				1			2			1										**15 1.8**
Infiltration Cellular, Plasma Cell					2					3	2						2			2	3			**8 2.3**
Sinus, Dilatation			2				4																	**3 2.7**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Accessory Spleen					X																			**1**
Congestion																								**3 4.0**
Developmental Malformation														X										**1**
Fibrosis											2		4		4					2				**6 2.7**
Hematopoietic Cell Proliferation														2								3		**4 2.3**
Hyperplasia, Lymphoid																								**3 2.0**
Necrosis																								**1 3.0**
Pigmentation			2			3		2		1	3	2					3	2				3		**19 2.4**
Red Pulp, Hyperplasia																					4			**1 4.0**
Thymus	+	M	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**43**
Atrophy	4		3		4	2	4	4		4	4	4	4	3	4	4	4	4	3	4	4	4	4	**40 3.8**
INTEGUMENTARY SYSTEM																								
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Galactocele												3					4	4						**4 3.8**
Lactation					2		3		1		2	3	4									1		**12 2.2**
Alveolus, Hyperplasia							2						4											**2 3.0**
Duct, Dilatation																								**1 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst Epithelial Inclusion																								**3**
Fibrosis	4																				4			**2 4.0**

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FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST	062	068	073	073	071	070	070	052	072	073	073	051	072	048	073	056	073	073	048	073	073	073	073	* TOTALS	
	ANIMAL ID	0191 2	0191 2 1	0191 2 2	0191 3 1	0191 3 2	0191 4 1	0191 4 2	0226 1	0226 2	0227 1	0227 2	0228 1	0228 2	0229 1	0229 2	0235 1	0235 2	0236 1	0236 2	0237 1	0237 2	0238 1	0238 2			
Hyperkeratosis																									**1**	**3.0**
Infiltration Cellular, Plasma Cell																								3	**1**	**3.0**
Inflammation, Chronic Active																		4							**1**	**4.0**
Necrosis																		4							**1**	**4.0**
Ulcer																		4							**1**	**4.0**
MUSCULOSKELETAL SYSTEM																										
Bone															+										**1**	
Vertebra, Fracture															X											**1**
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Skeletal Muscle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
NERVOUS SYSTEM																										
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Compression			2			2		3		2			3			2		4	2						**15**	**2.9**
Hemorrhage								1																	**1**	**1.0**
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Ventricle, Dilatation																									**2**	**2.5**
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Meninges, Hemorrhage																									**1**	**2.0**
Ventricle, Dilatation													2												**6**	**2.3**
Peripheral Nerve, Sciatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Axon, Degeneration		1		1	1		1				1	1		1	1	1	1	1	1	1	1	1	1	1	**31**	**1.0**

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FISCHER 344 RATS-NCTR RATS MALE																								
CONTROL WATER ANIMAL ID	01912	01921	01922	01931	01932	01941	01942	02261	02262	02271	02272	02281	02282	02291	02292	02351	02352	02361	02362	02371	02372	02381	02382	*** TOTALS**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hemorrhage																				2				**2 3.0**
Axon, Degeneration	1		1	1		1	1		1	1		1	1	1			1	1		1	1	1		**25 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Gliosis																					2			**1 2.0**
Axon, Degeneration											1	1		1										**5 1.0**
Nerve, Degeneration	1	1	1	1	1	1	1		2	1	1		1		1		2	1		1	3	2	1	**36 1.2**
Nerve, Gliosis									1															**2 1.0**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Axon, Degeneration	1				1			1	1	1	1		1		1	1		1		1	1	1		**23 1.0**
Nerve, Degeneration																							1	**5 1.0**
RESPIRATORY SYSTEM																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Congestion																								**1 4.0**
Hemorrhage					2																			**2 1.5**
Infiltration Cellular, Histiocyte				1	3								2			1	1				1	1	2	**12 1.3**
Pigmentation											2						2							**2 2.0**
Alveolar Epithelium, Hyperplasia													1											**1 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Inflammation, Suppurative					2								2											**3 2.0**
Inflammation, Chronic Active																								**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

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SPECIAL SENSES SYSTEM																								
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Cataract																								**1 4.0**
Phthisis Bulbi											4													**1 4.0**
Bilateral, Cataract																								**1 3.0**
Bilateral, Retina, Degeneration		2							3				2		1		1							**8 2.1**
Retina, Degeneration											4													**4 2.8**
Sclera, Metaplasia, Osseous						2											2							**2 2.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Infiltration Cellular, Lymphocyte																		1						**1 1.0**
Inflammation, Chronic																						4		**1 4.0**
Epithelium, Hyperplasia																						4		**1 4.0**
URINARY SYSTEM																								
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Cyst																								**1 4.0**
Hydronephrosis																			1					**1 1.0**
Necrosis					3																			**1 3.0**
Nephropathy	4	4	4	4	4	4	3	2	4	3	3	4	4	2	4	3	4	4	3	4	4	4	4	**46 3.5**
Transitional Epithelium, Hyperplasia																								**1 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Inflammation, Chronic																						1		**1 1.0**
Lumen, Dilatation															4									**5 3.4**

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*** END OF MALE DATA ***

DAY ON TEST	062	062	058	055	064	067	034	066	061	062	050	057	074	051	071	060	064	049	052	049	072	045	056	068	057
FISCHER 344 RATS-NCTR RATS FEMALE																									
0.70 GLYCID																									
ANIMAL ID	0021 1	0021 2	0022 1	0022 2	0023 1	0023 2	0024 1	0024 2	0025 1	0025 2	0091 1	0091 2	0092 1	0092 2	0093 1	0093 2	0094 1	0094 2	0095 1	0095 2	0136 1	0136 2	0137 1	0137 2	0138 1	**females (cont...)**

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Lumen, Dilatation																										
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Intestine Small, Jejunum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Infiltration Cellular, Lymphocyte	3																									
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																										
Basophilic Focus																							X			
Basophilic Focus, Multiple	X		X	X	X	X			X	X	X	X	X		X		X	X	X	X	X	X		X	X	
Deformity						X	X					X			X		X									
Eosinophilic Focus			X		X																					
Hematopoietic Cell Proliferation				1	1																					
Hemorrhage				2																						
Hepatodiaphragmatic Nodule																										
Inflammation, Chronic Active							2					1						1								
Mixed Cell Focus																										
Mixed Cell Focus, Multiple					X																X					

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FISCHER 344 RATS-NCTR RATS FEMALE
0.70 GLYCID

DAY ON TEST	0662	0620	0585	0557	0645	0677	0344	0667	0612	0626	0505	0579	0743	0514	0710	0609	0642	0491	0521	0491	0725	0453	0563	0682	0571	
ANIMAL ID	00211	00212	00221	00222	00231	00232	00241	00242	00251	00252	00911	00912	00921	00922	00931	00932	00941	00942	00951	00952	01361	01362	01371	01372	01381	**females (cont...)**
Necrosis																										
Pigmentation																										
Thrombosis									2																	
Vacuolization Cytoplasmic										2				2							4					
Bile Duct, Hyperplasia	2					2		3				1	4			4	3			1				2	2	
Hepatocyte, Degeneration																							2			
Hepatocyte, Hyperplasia									4																	
Mesentery									+	+						+										
Fat, Necrosis									3	4						4										
Oral Mucosa			+										+				+		+		+					
Epithelium, Hyperplasia													4								4					
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																		1								
Acinus, Degeneration		2	1					4			1		2			2				2			2	2	2	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Edema																										
Inflammation, Chronic Active										4																
Necrosis										4																
Epithelium, Hyperplasia		1			2					3			2	2												
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Epithelium, Degeneration																										

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / 0.70 GLYCID / ANIMAL ID	0662 00211	0620 00212	0585 00221	0557 00222	0645 00231	0677 00232	0344 00241	0667 00242	0612 00251	0626 00252	0505 00911	0579 00912	0743 00921	0514 00922	0710 00931	0609 00932	0642 00941	0491 00942	0521 00951	0491 00952	0725 01361	0453 01362	0563 01371	0682 01372	0571 01381	females (cont...)
Tongue											+															
Epithelium, Hyperplasia																										
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	1		2	1		1	1		2	1	1	1		1		2	2	1	1	1	2	1		2		
Thrombosis																										
Ventricle, Dilatation																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Adrenal Cortical Nodule																	X									
Degeneration, Cystic																										
Hyperplasia																						1				
Vacuolization Cytoplasmic		2			3					2		2	2	4	1					3	2	2	3		1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	
Hyperplasia								2											1							
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis																										

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / 0.70 GLYCID / ANIMAL ID	0662 00211	0620 00212	0585 00221	0557 00222	0645 00231	0677 00232	0344 00241	0667 00242	0612 00251	0626 00252	0505 00911	0579 00912	0743 00921	0514 00922	0710 00931	0609 00932	0642 00941	0491 00942	0521 00951	0491 00952	0725 01361	0453 01362	0563 01371	0682 01372	0571 01381	females (cont...)
Pars Distalis, Cyst		2								2							3									
Pars Distalis, Hyperplasia		3	2	2		3				2	3						2	3	4	2		2			2	
Pars Intermedia, Hyperplasia																										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia	1		2	1	1				1		1	1	1						1	2	1	1				
Follicular Cell, Hyperplasia																										
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperkeratosis															4											
Infiltration Cellular, Lymphocyte																										
Inflammation, Suppurative	4								2		4				2		4				3			4		
Inflammation, Chronic Active																										
Acinus, Degeneration								3								3							3			
Duct, Ectasia	4	4	2			4		4	3		4		4		4		3				3		3	4		
Epithelium, Hyperplasia																										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	4		2	3	3	2	2	3	2	3	3	2	4	2	2	3	3	2	2	2	3	3	4	2	2	
Cyst																										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																			2				4			
Decidual Reaction																						4				

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FISCHER 344 RATS-NCTR RATS FEMALE																										
0.70 GLYCID																										
ANIMAL ID	00211	00212	00221	00222	00231	00232	00241	00242	00251	00252	00911	00912	00921	00922	00931	00932	00941	00942	00951	00952	01361	01362	01371	01372	01381	**females (cont...)**
Hemorrhage																										
Cervix, Fibrosis																										
Endometrium, Hyperplasia, Cystic				2				1	2		3		1			1	2			2		4			1	
Lumen, Dilatation		2																	4							
Vagina					+																					
Prolapse					X																					
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Hyperplasia				3	2				3	3	2			3										3		
Lymph Node	+	+						+		+			+				+					+			+	
Lumbar, Hyperplasia, Lymphoid																										
Lumbar, Infiltration Cellular, Plasma Cell																						3				
Lumbar, Sinus, Dilatation													4													
Mediastinal, Hyperplasia, Lymphoid	1																									
Pancreatic, Hyperplasia, Lymphoid																										
Pancreatic, Infiltration Cellular, Plasma Cell																										
Renal, Hyperplasia, Lymphoid										2																
Renal, Infiltration Cellular, Histiocyte																						2				
Renal, Infiltration Cellular, Plasma Cell										2																
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage															2											
Hyperplasia, Lymphoid			1							1							2									
Infiltration Cellular, Plasma Cell	1			3		3	2						4	2	2	2	2	2								
Sinus, Dilatation																								3	2	

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FISCHER 344 RATS-NCTR RATS FEMALE																										
0.70 GLYCID																										
ANIMAL ID	00211	00212	00221	00222	00231	00232	00241	00242	00251	00252	00911	00912	00921	00922	00931	00932	00941	00942	00951	00952	01361	01362	01371	01372	01381	**females (cont...)**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage															2											
Hyperplasia, Lymphoid	2				2	1				2	2															
Infiltration Cellular, Histiocyte																										
Infiltration Cellular, Plasma Cell				2										2	2											
Sinus, Dilatation																							2			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Depletion Lymphoid																										
Fibrosis													4													
Hematopoietic Cell Proliferation				4	4					4	3			4	3			2								
Necrosis									4																	
Pigmentation			3		3		1					2						1				2				
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	
Atrophy	4		3	3		4	4	4		4	2	3		4		4		3	3	2	4	2	3	4	3	
Cyst	3																									
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Galactocele					4						4															
Lactation												3														
Alveolus, Hyperplasia												3														
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion				X																						
Inflammation, Suppurative																										
Ulcer																										

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / 0.70 GLYCID / ANIMAL ID	0662 00211	0620 00212	0585 00221	0557 00222	0645 00231	0677 00232	0344 00241	0667 00242	0612 00251	0626 00252	0505 00911	0579 00912	0743 00921	0514 00922	0710 00931	0609 00932	0642 00941	0491 00942	0521 00951	0491 00952	0725 01361	0453 01362	0563 01371	0682 01372	0571 01381	females (cont...)
Epithelium, Hyperplasia													3													
MUSCULOSKELETAL SYSTEM																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression								2				2	2	3	3								2			
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gliosis																								2		
Hemorrhage																										
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gliosis			2											4												
Hemorrhage																										
Necrosis																										
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration	1		1	1	1	1			1	1		1			1						1			1	1	
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration			1				1	1	1	1			1		1		1							1		
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gliosis																										
Axon, Degeneration			1		1																		1	1	1	

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / 0.70 GLYCID / ANIMAL ID	0662 0021 1	0620 0021 2	0585 0022 1	0557 0022 2	0645 0022 3 1	0677 0022 3 2	0344 0022 4 1	0667 0022 4 2	0612 0022 5 1	0626 0022 5 2	0505 0009 1 1	0579 0009 1 2	0743 0009 2 1	0514 0009 2 2	0710 0009 3 1	0609 0009 3 2	0642 0009 4 1	0491 0009 4 2	0521 0009 5 1	0491 0009 5 2	0725 0013 3 6 1	0453 0013 3 6 2	0563 0013 3 7 1	0682 0013 7 2	0571 0013 8 1	females (cont...)
Nerve, Degeneration	1		1		1	1		2	1		1		1				1		1			1		1		
Neuron, Degeneration																										
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration	1		1		1	1	1	1				1	1		1	1	1				1				1	
Nerve, Degeneration					1											1										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																				2		1				
Infiltration Cellular, Histiocyte					3								2		3		2		1		2					
Necrosis		4																								
Polyarteritis		4																								
Alveolar Epithelium, Hyperplasia				2	4								2		3											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyaline Droplet	2														3											
Inflammation, Suppurative																										
Inflammation, Chronic Active																										
Goblet Cell, Hyperplasia	3														3											
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	
Cataract			4																							
Bilateral, Retina, Degeneration								2					1													
Retina, Degeneration			4																		3					

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FISCHER 344 RATS-NCTR RATS FEMALE **0.70 GLYCID** ANIMAL ID	00211	00212	00221	00222	00231	00232	00241	00242	00251	00252	00911	00912	00921	00922	00931	00932	00941	00942	00951	00952	01361	01362	01371	01372	01381	**females (cont...)**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte							1		1																	
Zymbal's Gland							+																			
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyaline Droplet																										
Mineralization	1					2	2				1	1	1					2	1	1	2	1	2	1	1	
Nephropathy	1		2	1	1			2	1	1	2		2	3	1		1	1			3			1		
Pigmentation																2										
Urinary Bladder	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Histiocyte													4													
Lumen, Dilatation																						2				

FISCHER 344 RATS-NCTR RATS FEMALE
0.70 GLYCID

DAY ON TEST	05 06	05 51	06 26	05 09	04 46	05 74	06 14	05 13	05 21	05 93	04 22	07 05	06 63	06 21	07 37	05 96	05 50	04 04	04 66	04 35	05 49	03 75	07 05	
ANIMAL ID	01 38 2	01 39 1	01 39 2	01 40 1	01 40 2	01 61 1	01 61 2	01 62 1	01 62 2	01 63 1	01 63 2	01 64 1	01 64 2	01 65 1	01 65 2	02 10 1	02 10 2	02 11 1	02 11 2	02 12 1	02 12 2	02 13 1	02 13 2	*** TOTALS**	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**45**	
Lumen, Dilatation											2													**1**	**2.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**45**	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**45**	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**45**	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**45**	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**44**	
Infiltration Cellular, Lymphocyte																								**1**	**3.0**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Angiectasis								2																**1**	**2.0**
Basophilic Focus						X					X							X						**4**	
Basophilic Focus, Multiple	X	X	X		X		X	X	X				X	X	X		X				X	X		**32**	
Deformity		X	X																					**7**	
Eosinophilic Focus												X			X									**4**	
Hematopoietic Cell Proliferation																								**2**	**1.0**
Hemorrhage																								**1**	**2.0**
Hepatodiaphragmatic Nodule								X																**1**	
Inflammation, Chronic Active			3		2				1									2			1			**8**	**1.6**
Mixed Cell Focus													X								X			**2**	
Mixed Cell Focus, Multiple															X									**3**	

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FISCHER 344 RATS-NCTR RATS FEMALE

0.70 GLYCID

DAY ON TEST	0506	0551	0626	0509	0446	0574	0614	0513	0521	0593	0422	0705	0663	0621	0737	0596	0550	0404	0466	0435	0549	0375	0705	
ANIMAL ID	01382	01391	01392	01401	01402	01611	01612	01621	01622	01631	01632	01641	01642	01651	01652	02101	02102	02111	02112	02121	02122	02131	02132	* TOTALS
Necrosis			3									1							2					**3 2.0**
Pigmentation									2															**1 2.0**
Thrombosis																								**1 2.0**
Vacuolization Cytoplasmic						2								2		4							4	**7 2.9**
Bile Duct, Hyperplasia			2				1					2	2			4								**15 2.3**
Hepatocyte, Degeneration	3		3													4								**4 3.0**
Hepatocyte, Hyperplasia																								**1 4.0**
Mesentery					+																		+	**5**
Fat, Necrosis					3																		2	**5 3.2**
Oral Mucosa							+				+		+								+			**9**
Epithelium, Hyperplasia													3											**3 3.7**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst																								**1 1.0**
Acinus, Degeneration								2						3		2								**13 2.1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**46**
Edema																							4	**1 4.0**
Inflammation, Chronic Active																							2	**2 3.0**
Necrosis																								**1 4.0**
Epithelium, Hyperplasia																2								**6 2.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**46**
Necrosis																3								**1 3.0**
Epithelium, Degeneration																							3	**1 3.0**

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0.70 GLYCID

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Tongue						+								+						+				**4**
Epithelium, Hyperplasia														3										**1 3.0**
CARDIOVASCULAR SYSTEM																								
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cardiomyopathy		1			1	2	1		1			1	1		2		2	1		2	2		2	**31 1.4**
Thrombosis			4																					**1 4.0**
Ventricle, Dilatation			3																					**1 3.0**
ENDOCRINE SYSTEM																								
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Accessory Adrenal Cortical Nodule																								**1**
Degeneration, Cystic												3												**1 3.0**
Hyperplasia																		2						**2 1.5**
Vacuolization Cytoplasmic	2		2					4				2		2	2	3			3		2		3	**22 2.4**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Necrosis																			2					**1 2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**47**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Hyperplasia			2																					**3 1.7**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Pars Distalis, Angiectasis																	1							**1 1.0**

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Pars Distalis, Cyst				3				4																**5 2.8**
Pars Distalis, Hyperplasia						4				3	3	4		3			2		2		2			**20 2.7**
Pars Intermedia, Hyperplasia						2																		**1 2.0**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**47**
C-cell, Hyperplasia		1			1				1		1						2	2				3		**19 1.3**
Follicular Cell, Hyperplasia																	2							**1 2.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hyperkeratosis																								**1 4.0**
Infiltration Cellular, Lymphocyte			2																					**1 2.0**
Inflammation, Suppurative		2												4				3	4	2			4	**13 3.2**
Inflammation, Chronic Active	1				2				2		1													**4 1.5**
Acinus, Degeneration	2		3			3		3	2			2				3								**10 2.7**
Duct, Ectasia	2	3					3							4					4				4	**19 3.5**
Epithelium, Hyperplasia			4		2	3	4																	**4 3.3**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Atrophy	3	3	3	3	2	2	3	3	2	2	3	2	4	2	3	4	3	3	2	2	3	3	3	**47 2.7**
Cyst													4											**1 4.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst										2						4								**4 3.0**
Decidual Reaction																								**1 4.0**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
0.70 GLYCID																								
ANIMAL ID	0138 2	0139 1	0139 2	0140 1	0140 2	0161 1	0161 2	0162 1	0162 2	0163 1	0163 2	0164 1	0164 2	0165 1	0165 2	0210 1	0210 2	0211 1	0211 2	0211 2 1	0211 2 2	0211 3 1	0211 3 2	*** TOTALS**	
Hemorrhage													4											**1**	**4.0**
Cervix, Fibrosis							3																	**1**	**3.0**
Endometrium, Hyperplasia, Cystic	1		1	2		2	2	2	2		2		2		2		1	1				2		**23**	**1.8**
Lumen, Dilatation									3															**3**	**3.0**
Vagina																								**1**	
Prolapse																								**1**	
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**47**	
Atrophy						4																		**1**	**4.0**
Hyperplasia				2	2							2	2						2		2	2		**14**	**2.4**
Lymph Node		+	+	+		+				+		+	+			+		+		+				**18**	
Lumbar, Hyperplasia, Lymphoid																		2						**1**	**2.0**
Lumbar, Infiltration Cellular, Plasma Cell																								**1**	**3.0**
Lumbar, Sinus, Dilatation																2								**2**	**3.0**
Mediastinal, Hyperplasia, Lymphoid																								**1**	**1.0**
Pancreatic, Hyperplasia, Lymphoid			2																					**1**	**2.0**
Pancreatic, Infiltration Cellular, Plasma Cell						3																		**1**	**3.0**
Renal, Hyperplasia, Lymphoid																		2						**2**	**2.0**
Renal, Infiltration Cellular, Histiocyte																								**1**	**2.0**
Renal, Infiltration Cellular, Plasma Cell																								**1**	**2.0**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**47**	
Hemorrhage											2													**2**	**2.0**
Hyperplasia, Lymphoid			2			2	3		3			2			1									**9**	**1.9**
Infiltration Cellular, Plasma Cell					3	2			3			3	3						2					**16**	**2.4**
Sinus, Dilatation					4				4				2									2		**6**	**2.8**

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FISCHER 344 RATS-NCTR RATS FEMALE

0.70 GLYCID

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Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage			2																					**2 2.0**
Hyperplasia, Lymphoid			2				1		2			2						2						**10 1.8**
Infiltration Cellular, Histiocyte														3										**1 3.0**
Infiltration Cellular, Plasma Cell						2			2														2	**6 2.0**
Sinus, Dilatation																								**1 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Depletion Lymphoid																							3	**1 3.0**
Fibrosis	4		2							2			2											**5 2.8**
Hematopoietic Cell Proliferation												3			3						4	4		**11 3.5**
Necrosis	4																							**2 4.0**
Pigmentation			3			4			3		1			3	3			2					4	**14 2.5**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**44**
Atrophy	4	3	4	4	3	4	3	3	2	3		4	4	4	4	4	2	2	4		3	1	4	**40 3.3**
Cyst																								**1 3.0**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Galactocele													4											**3 4.0**
Lactation																					2			**2 2.5**
Alveolus, Hyperplasia																								**1 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst Epithelial Inclusion																X								**2**
Inflammation, Suppurative					4								2											**2 3.0**
Ulcer													3											**1 3.0**

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FISCHER 344 RATS-NCTR RATS FEMALE																									
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Epithelium, Hyperplasia																									**1 3.0**
MUSCULOSKELETAL SYSTEM																									
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
NERVOUS SYSTEM																									
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Compression							2						2		2	2							3		**11 2.3**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Gliosis																									**1 2.0**
Hemorrhage																		1							**1 1.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Gliosis			2																						**3 2.7**
Hemorrhage								4																	**1 4.0**
Necrosis								4																	**1 4.0**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Axon, Degeneration		1										1	1		1	1	1		1		1				**20 1.0**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Axon, Degeneration							1								1		1		1				1		**14 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Gliosis													2												**1 2.0**
Axon, Degeneration								1	1		1					1									**9 1.0**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
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Nerve, Degeneration		1	1			1	1				1	1	2	2	1						1		2	**23 1.2**
Neuron, Degeneration													2											**1 2.0**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration			1									1	1		1								1	**18 1.0**
Nerve, Degeneration																								**2 1.0**
RESPIRATORY SYSTEM																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Congestion																								**2 1.5**
Infiltration Cellular, Histiocyte					1							2			2									**9 2.0**
Necrosis																								**1 4.0**
Polyarteritis																								**1 4.0**
Alveolar Epithelium, Hyperplasia																								**4 2.8**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**47**
Hyaline Droplet																								**2 2.5**
Inflammation, Suppurative															2									**1 2.0**
Inflammation, Chronic Active								2																**1 2.0**
Goblet Cell, Hyperplasia																								**2 3.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
SPECIAL SENSES SYSTEM																								
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	**45**
Cataract		2																						**2 3.0**
Bilateral, Retina, Degeneration																								**2 1.5**
Retina, Degeneration		3																			3			**4 3.3**

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ANIMAL ID	01382	01391	01392	01401	01402	01611	01612	01621	01622	01631	01632	01641	01642	01651	01652	02101	02102	02111	02112	02121	02122	02131	02132		* TOTALS
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+		47
Infiltration Cellular, Lymphocyte				1	1			1	1									2				1			8 1.1
Zymbal's Gland									+																2
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Hyaline Droplet																					4	3			2 3.5
Mineralization	1	2	1	1	2			2	1		2		1	2	1	1		1	1	2		2			30 1.4
Nephropathy						2					1	2	2		3	2	1		1		2		4		25 1.7
Pigmentation	2						2																		3 2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		47
Infiltration Cellular, Histiocyte																									1 4.0
Lumen, Dilatation																									1 2.0

DAY ON TEST	073	073	064	073	045	073	073	048	060	029	069	068	067	065	074	074	055	062	073	071	073	052	073	073	054	
FISCHER 344 RATS-NCTR RATS FEMALE																										
0.35 GLYCID																										
ANIMAL ID	00061	00062	00071	00072	00081	00082	00091	00092	00101	00102	00811	00812	00821	00822	00831	00832	00841	00842	00851	00852	01111	01112	01121	01122	01131	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lumen, Dilatation																										
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus								X																		
Basophilic Focus, Multiple	X	X	X	X		X	X						X		X	X	X	X	X	X	X	X	X	X	X	
Clear Cell Focus																								X		
Deformity									X						X								X	X		
Degeneration, Cystic													3													
Eosinophilic Focus		X																	X					X		
Eosinophilic Focus, Multiple													X										X			
Granuloma																			2							
Hematopoietic Cell Proliferation																										
Hepatodiaphragmatic Nodule																				X						
Infiltration Cellular, Lymphocyte																										
Inflammation, Chronic Active	2	2						1								2	2							2		

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FISCHER 344 RATS-NCTR RATS FEMALE
0.35 GLYCID

DAY ON TEST	073 7	073 7	064 0	073 7	045 6	073 7	073 7	048 1	060 0	029 6	069 6	068 4	067 6	065 1	074 3	074 3	055 0	062 6	073 7	071 8	073 7	052 2	073 7	073 7	054 4	
ANIMAL ID	00061	00062	00071	00072	00081	00082	00091	00092	00101	00102	00811	00812	00821	00822	00831	00832	00841	00842	00851	00852	01111	01112	01121	01122	01131	**females (cont...)**
Mixed Cell Focus																							X			
Mixed Cell Focus, Multiple																X					X					
Thrombosis						4						2														
Vacuolization Cytoplasmic			2	2					4		4			4							2	3				
Bile Duct, Hyperplasia						4			2		2	4	4	4	4											
Hepatocyte, Degeneration									4		4															
Hepatocyte, Hyperplasia														4												
Mesentery			+		+																					
Cyst			3																							
Infiltration Cellular, Lymphocyte			2																							
Fat, Necrosis																										
Oral Mucosa	+																	+			+					
Epithelium, Hyperplasia	3																	3								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Acinus, Degeneration	2	2		2						1	1	2	1	2	2				3	1				3	1	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Inflammation, Chronic Active																						3				
Ulcer																						4				
Epithelium, Hyperplasia				2																		2				
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Tongue	+									+																

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / 0.35 GLYCID / ANIMAL ID	0737 00061	0737 00062	0640 00071	0737 00072	0456 00081	0737 00082	0737 00091	0481 00092	0660 00101	0296 00102	0696 00811	0684 00812	0676 00821	0651 00822	0743 00831	0743 00832	0550 00841	0626 00842	0737 00851	0718 00852	0737 01111	0522 01112	0737 01121	0737 01122	0544 01131	females (cont...)
Inflammation, Suppurative										4																
Keratin Cyst										4																
Epithelium, Hyperplasia	4																									
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	3	2	1	2		2	3	1					2		1	4	1	1	2		1	1	2	2	1	
Thrombosis											4															
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Adrenal Cortical Nodule																X										
Angiectasis																			3							
Degeneration, Cystic		2																								
Hyperplasia									2															2		
Vacuolization Cytoplasmic					2	2			3		4	2		2	3			2			2		3			
Adrenal Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	2																									
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst																										

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Pars Distalis, Hyperplasia	2		2	4							4												2		2
Pars Intermedia, Cyst																									
Pars Intermedia, Hyperplasia																									
Pars Intermedia, Rathke's Cleft, Degeneration																		3							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
Cyst													3												
C-cell, Hyperplasia	1					1			2			1			1				1				2		
Follicular Cell, Hyperplasia													1												
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																									
Infiltration Cellular, Lymphocyte																									
Inflammation, Suppurative			4				4		2			3	2	2		4		4		4	4		2		
Acinus, Degeneration	2	3	3	2			3					2	3	4				4	2				3		
Duct, Ectasia							2						4	3		4		4		4	4			4	2
Epithelium, Hyperplasia															4										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	2	2	2	2	2	4	2	2	2	2	2	4	3	3	4	3	3	4	3	3	2	2	2	3	3
Cyst																								3	
Bilateral, Cyst																									
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	073	073	064	073	045	073	073	048	060	029	069	068	067	065	074	074	055	062	073	071	073	052	073	073	054	
FISCHER 344 RATS-NCTR RATS FEMALE																										
0.35 GLYCID																										
ANIMAL ID	00061	00062	00071	00072	00081	00082	00091	00092	00101	00102	00811	00812	00821	00822	00831	00832	00841	00842	00851	00852	01111	01112	01121	01122	01131	**females (cont...)**
Cyst				3																						
Cervix, Fibrosis						4										4										
Endometrium, Hyperplasia, Cystic	3						1	2			4				3		4		1				3	2		
Lumen, Dilatation														4												
Vagina									+					+			+			+						
Fibrosis																				3						
Lumen, Dilatation									4					4						3						
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Hyperplasia			2										2				2			2					2	
Lymph Node						+			+			M		+			+									
Lumbar, Hyperplasia, Lymphoid																										
Lumbar, Infiltration Cellular, Plasma Cell																										
Lumbar, Sinus, Dilatation																										
Pancreatic, Hyperplasia, Lymphoid																										
Pancreatic, Infiltration Cellular, Histiocyte																										
Renal, Infiltration Cellular, Histiocyte																	3									
Sinus, Thoracic, Dilatation																	2									
Thoracic, Hemorrhage																	2									
Thoracic, Infiltration Cellular, Histiocyte																	3									
Lymph Node, Mandibular	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid											2										2	1				
Infiltration Cellular, Plasma Cell	2	3					2			2						2	3	3		2	3					
Sinus, Dilatation	2																	2			2					

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / 0.35 GLYCID / ANIMAL ID	0737 0061	0737 0062	0640 0071	0737 0072	0456 0081	0737 0082	0737 0091	0481 0092	0660 0101	0296 0102	0696 0111	0684 0812	0676 0821	0651 0822	0743 0831	0743 0832	0550 0841	0626 0842	0737 0851	0718 0852	0737 1111	0522 1112	0737 1121	0737 1122	0544 1131
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage							2								3										
Hyperplasia, Lymphoid		2		1																	1				
Infiltration Cellular, Mast Cell							3																		
Infiltration Cellular, Plasma Cell																				3					
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Spleen						X																			
Fibrosis												2			2										
Hematopoietic Cell Proliferation	2		3					2								3	2					3	3	2	
Hemorrhage									4																
Hyperplasia, Lymphoid																									
Necrosis																									
Pigmentation	2	3	2					2		2	2					3	2		3					2	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Atrophy	4	4	4	4	4		4		4	4	4	4	4	4		4	3	4	4	4	4	4	4	4	4
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Galactocele		4													4	4					4				
Lactation												3													
Alveolus, Hyperplasia																									
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									2
Inflammation, Suppurative																							2		2
Inflammation, Chronic Active																									
Ulcer																							3		

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FISCHER 344 RATS-NCTR RATS FEMALE																										
0.35 GLYCID ANIMAL ID	00061	00062	00071	00072	00081	00082	00091	00092	00101	00102	00811	00812	00821	00822	00831	00832	00841	00842	00851	00852	01111	01112	01121	01122	01131	**females (cont...)**
Epithelium, Hyperplasia																										
MUSCULOSKELETAL SYSTEM																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteopetrosis						4																				
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression									3							3				2						
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gliosis																				2					1	
Hemorrhage									1																	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																										
Gliosis													3					2								
Hemorrhage																										
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration	1	1	1			1	1		1	1	1	1	1	2	1	1		1			1					
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gliosis																										
Axon, Degeneration		1					1				1	1			1				1		1					
Nerve, Degeneration																							1			

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FISCHER 344 RATS-NCTR RATS FEMALE																										
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Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration							1									1			1			1	1			
Meninges, Hyperplasia																										
Nerve, Degeneration	1	1	1	1		1	1				1	1		1	1	1		1			1		1			
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration	1	1									1				1		1			1	1		1			
Meninges, Hyperplasia																										
Meninges, Infiltration Cellular, Histiocyte																										
Nerve, Degeneration	1		1			1													1				1			
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Histiocyte	2	1		1			1							2	2	1	1	1					2	1		
Alveolar Epithelium, Hyperplasia															2											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body																										
Hyaline Droplet																				2						
Inflammation, Suppurative		2							2																	
Inflammation, Chronic Active																		2								
Goblet Cell, Hyperplasia																		2								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	
Cataract		4																								

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FISCHER 344 RATS-NCTR RATS FEMALE																										
0.35 GLYCID ANIMAL ID	00061	00062	00071	00072	00081	00082	00091	00092	00101	00102	00811	00812	00821	00822	00831	00832	00841	00842	00851	00852	01111	01112	01121	01122	01131	**females (cont...)**
Bilateral, Retina, Degeneration	2																									
Retina, Degeneration		4						2	1						2											
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Infiltration Cellular, Lymphocyte																										
Inflammation, Chronic Active																										
Epithelium, Hyperplasia																							3			
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																										
Hyaline Droplet																		4								
Infarct																										
Mineralization			1	1	1	1	1	2		1	1			2	1	1	1	2	1	2	1	1	1	1		
Nephropathy	3	1	1	2		1	3		3	1		1	2		2	4			1		2		2	3		
Pigmentation																		3								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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2) Mild 4) Marked

FISCHER 344 RATS-NCTR RATS FEMALE
0.35 GLYCID

DAY ON TEST	0684	0494	0737	0526	0737	0716	0737	0737	0365	0718	0436	0737	0723	0697	0556	0697	0656	0691	0628	0718	0558	0585	0737		
ANIMAL ID	01132	01141	01142	01151	01152	01961	01962	01971	01972	01981	01982	01991	01992	02001	02002	02311	02312	02321	02322	02331	02332	02341	02342		* TOTALS
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Lumen, Dilatation						3																			**1 3.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**45**
Intestine Large, Colon	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**45**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**45**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**45**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**45**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+		**44**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Basophilic Focus									X																**2**
Basophilic Focus, Multiple	X		X		X	X	X	X		X		X	X			X	X	X	X	X	X	X	X		**35**
Clear Cell Focus																									**1**
Deformity							X																		**5**
Degeneration, Cystic						1																			**2 2.0**
Eosinophilic Focus			X																						**4**
Eosinophilic Focus, Multiple													X			X									**4**
Granuloma																									**1 2.0**
Hematopoietic Cell Proliferation		1																							**1 1.0**
Hepatodiaphragmatic Nodule																							X		**2**
Infiltration Cellular, Lymphocyte											2									2					**2 2.0**
Inflammation, Chronic Active					2			2	1								1		2	3			2		**13 1.8**

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0.35 GLYCID

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ANIMAL ID	01132	01141	01142	01151	01152	01961	01962	01971	01972	01981	01982	01991	01992	02001	02002	02311	02312	02321	02322	02331	02332	02341	02342		*** TOTALS**
Mixed Cell Focus																				X			X		**3**
Mixed Cell Focus, Multiple							X						X						X						**5**
Thrombosis																									**2 3.0**
Vacuolization Cytoplasmic											3	2		4		2						2			**12 2.8**
Bile Duct, Hyperplasia	2		4			2		2		2				4		4						2			**15 3.1**
Hepatocyte, Degeneration														4											**3 4.0**
Hepatocyte, Hyperplasia																									**1 4.0**
Mesentery		+					+				+		+					+			+	+			**9**
Cyst																									**1 3.0**
Infiltration Cellular, Lymphocyte																									**1 2.0**
Fat, Necrosis		3					3				4		4					3			3	4			**7 3.4**
Oral Mucosa												+													**4**
Epithelium, Hyperplasia												2													**3 2.7**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Necrosis											4				4										**2 4.0**
Acinus, Degeneration	2							1								2		1	1			3			**19 1.7**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Inflammation, Chronic Active																									**1 3.0**
Ulcer														4											**2 4.0**
Epithelium, Hyperplasia																									**2 2.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**46**
Tongue																						+			**3**

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Inflammation, Suppurative																									**1 4.0**
Keratin Cyst																									**1 4.0**
Epithelium, Hyperplasia																									**1 4.0**
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Cardiomyopathy	1	1			2	1	1	2	1	1		2	1				1	3		1		1	1		**33 1.6**
Thrombosis																									**1 4.0**
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Accessory Adrenal Cortical Nodule										X									X						**3**
Angiectasis						3																			**2 3.0**
Degeneration, Cystic																									**1 2.0**
Hyperplasia																									**2 2.0**
Vacuolization Cytoplasmic			2				2				3			4		2	1			2					**17 2.4**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Hyperplasia					1									2											**2 1.5**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Hyperplasia													1												**2 1.5**
Parathyroid Gland	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Pituitary Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+		**46**
Pars Distalis, Cyst		3																							**1 3.0**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
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Pars Distalis, Hyperplasia		3	3	3	2	3				3											3	2		**14 2.7**
Pars Intermedia, Cyst						2																		**1 2.0**
Pars Intermedia, Hyperplasia										1														**1 1.0**
Pars Intermedia, Rathke's Cleft, Degeneration																								**1 3.0**
Thyroid Gland	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Cyst																								**1 3.0**
C-cell, Hyperplasia		1	1		2		1			1						2				2		1	1	**16 1.3**
Follicular Cell, Hyperplasia																								**1 1.0**
GENERAL BODY SYSTEM																								
NONE																								
GENITAL SYSTEM																								
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Fibrosis																						4		**1 4.0**
Infiltration Cellular, Lymphocyte																							2	**1 2.0**
Inflammation, Suppurative			4	2		1				4	3	4		3			2			4				**20 3.1**
Acinus, Degeneration													3	3					3		2		3	**16 2.8**
Duct, Ectasia				2						4		4	3	4		4				4		3		**17 3.5**
Epithelium, Hyperplasia																								**1 4.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Atrophy	3	2	3	2	2	3	2	2	2	2	3	2	3			3	2	4	3	2	2	3	3	**46 2.6**
Cyst															4									**2 3.5**
Bilateral, Cyst											2													**1 2.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
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Cyst					3		4						3										3	**5 3.2**
Cervix, Fibrosis						4																		**3 4.0**
Endometrium, Hyperplasia, Cystic				2														2	3	2	2			**14 2.4**
Lumen, Dilatation																	4					3		**3 3.7**
Vagina																			+					**5**
Fibrosis																								**1 3.0**
Lumen, Dilatation																			3					**4 3.5**
HEMATOPOIETIC SYSTEM																								
Bone Marrow	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Atrophy													4											**1 4.0**
Hyperplasia												2					2	3						**8 2.1**
Lymph Node			+								+			+	+		+			+	+			**12**
Lumbar, Hyperplasia, Lymphoid																	2							**1 2.0**
Lumbar, Infiltration Cellular, Plasma Cell																	3							**1 3.0**
Lumbar, Sinus, Dilatation																	3							**1 3.0**
Pancreatic, Hyperplasia, Lymphoid																				2				**1 2.0**
Pancreatic, Infiltration Cellular, Histiocyte																				4				**1 4.0**
Renal, Infiltration Cellular, Histiocyte																								**1 3.0**
Sinus, Thoracic, Dilatation																								**1 2.0**
Thoracic, Hemorrhage																								**1 2.0**
Thoracic, Infiltration Cellular, Histiocyte																								**1 3.0**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hyperplasia, Lymphoid																				3				**4 2.0**
Infiltration Cellular, Plasma Cell	2				2	3	2						3				2	2	3	3		4	3	**20 2.6**
Sinus, Dilatation												4										3		**5 2.6**

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Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Hemorrhage																			2	3					4 2.5
Hyperplasia, Lymphoid					1													2							5 1.4
Infiltration Cellular, Mast Cell																									1 3.0
Infiltration Cellular, Plasma Cell	2																			2		3			4 2.5
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Accessory Spleen																									1
Fibrosis			3		2											3									5 2.4
Hematopoietic Cell Proliferation					2	4	2						1				4	4	3	4					16 2.8
Hemorrhage																4									2 4.0
Hyperplasia, Lymphoid	4				2																				2 3.0
Necrosis														4											1 4.0
Pigmentation	3	2		4	2		3	3	2	2			2									4	2		21 2.5
Thymus	+	+	M	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		45
Atrophy	3	4		4	4	4	4	4		3		4	4			4	4	4	4	4	4	4	4		40 3.9

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Galactocele	4						4						4					4	4						9 4.0
Lactation											3														2 3.0
Alveolus, Hyperplasia																					2				1 2.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Hemorrhage																									1 2.0
Inflammation, Suppurative												2													3 2.0
Inflammation, Chronic Active																1				3					2 2.0
Ulcer												2				3				3					4 2.8

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Epithelium, Hyperplasia												2				2								**2**	**2.0**
MUSCULOSKELETAL SYSTEM																									
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Osteopetrosis						4									4									**3**	**4.0**
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
NERVOUS SYSTEM																									
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Compression	3												2					2						**6**	**2.5**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Gliosis																								**2**	**1.5**
Hemorrhage																								**1**	**1.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Cyst											4													**1**	**4.0**
Gliosis																								**2**	**2.5**
Hemorrhage											4													**1**	**4.0**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Axon, Degeneration			1	1	1	1	1			1		1	1	1		1	1	1	1	1	1	1	1	**32**	**1.0**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Gliosis													2											**1**	**2.0**
Axon, Degeneration					1	1	1							1		1	1	1						**14**	**1.0**
Nerve, Degeneration																								**1**	**1.0**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
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ANIMAL ID	0113 2	0114 1	0114 2	0115 1	0115 2	0196 1	0196 2	0197 1	0197 2	0198 1	0198 2	0199 1	0199 2	0200 1	0200 2	0231 1	0231 2	0232 1	0232 2	0233 1	0233 2	0234 1	0234 2	*** TOTALS**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration				1																				**6 1.0**
Meninges, Hyperplasia													1											**1 1.0**
Nerve, Degeneration	1		1		1	1	1	1		2		1	2			2	1	1	1	2	1		2	**30 1.2**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration	1		1	1								1	1				1	1			1		1	**17 1.0**
Meninges, Hyperplasia													2											**1 2.0**
Meninges, Infiltration Cellular, Histiocyte													2											**1 2.0**
Nerve, Degeneration			1														1			1				**8 1.0**
RESPIRATORY SYSTEM																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Infiltration Cellular, Histiocyte			2		3	2	1	2	1	2										2			1	**20 1.6**
Alveolar Epithelium, Hyperplasia																								**1 2.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Foreign Body						X																		**1**
Hyaline Droplet					2		3					2								3				**5 2.4**
Inflammation, Suppurative						3											2							**4 2.3**
Inflammation, Chronic Active																								**1 2.0**
Goblet Cell, Hyperplasia						3	3																	**3 2.7**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
SPECIAL SENSES SYSTEM																								
Eye	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Cataract																								**1 4.0**

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ANIMAL ID	01132	01141	01142	01151	01152	01961	01962	01971	01972	01981	01982	01991	01992	02001	02002	02311	02312	02321	02322	02331	02332	02341	02342		* TOTALS
Bilateral, Retina, Degeneration						2																			**2 2.0**
Retina, Degeneration	1						1																		**6 1.8**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Infiltration Cellular, Lymphocyte												2					1								**2 1.5**
Inflammation, Chronic Active																							2		**1 2.0**
Epithelium, Hyperplasia																									**1 3.0**
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Cyst													4												**1 4.0**
Hyaline Droplet																									**1 4.0**
Infarct													4												**1 4.0**
Mineralization		2	1	2	1	1		1			1		1	1	2	2		1	2	1	1	1	1		**36 1.3**
Nephropathy	2		1		1	2	1	2		2	3	2	3				1	2		2	1	1	2		**32 1.9**
Pigmentation																									**1 3.0**
Urinary Bladder	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**

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DAY ON TEST	073 7	073 7	073 7	073 7	073 7	072 6	073 7	073 7	073 7	037 3	048 1	073 7	074 3	062 5	052 2	074 3	073 7	073 7	056 0	073 7	063 4	073 7	073 7	073 7	073 7	
FISCHER 344 RATS-NCTR RATS FEMALE																										
0.175 GLYCID																										
ANIMAL ID	003 11	003 12	003 21	003 22	003 31	003 32	003 41	003 42	003 51	003 52	007 61	007 62	007 71	007 72	007 81	007 82	007 91	007 92	008 01	008 02	010 11	010 12	010 21	010 22	010 31	**females (cont...)**

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																										
Basophilic Focus														X												
Basophilic Focus, Multiple	X	X			X		X	X	X		X	X	X			X	X	X	X	X	X	X			X	X
Deformity														X												
Degeneration, Cystic								1										2								
Eosinophilic Focus								X				X									X					
Hematopoietic Cell Proliferation																										
Hypertrophy																										
Inflammation, Chronic Active		3					2		2		2					2	2	2			2	2			2	
Mixed Cell Focus		X										X									X					
Mixed Cell Focus, Multiple					X								X			X									X	
Necrosis																										
Pigmentation																	2									

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DAY ON TEST	073 7	073 7	073 7	073 7	073 7	072 6	073 7	073 7	073 7	037 3	048 1	073 7	074 3	062 5	052 2	074 3	073 7	073 7	056 0	073 7	063 4	073 7	073 7	073 7	073 7	
FISCHER 344 RATS-NCTR RATS FEMALE																										
0.175 GLYCID ANIMAL ID	003 11	003 12	003 21	003 22	003 31	003 32	003 41	003 42	003 51	003 52	007 61	007 62	007 71	007 72	007 81	007 82	007 91	007 92	008 01	008 02	010 11	010 12	010 21	010 22	010 31	**females (cont...)**
Vacuolization Cytoplasmic	3	2	4	2	4	4		2										2					4	2		
Bile Duct, Hyperplasia	2		2	4	2	4						2	3				2			4		3	4	2	3	
Hepatocyte, Degeneration																										
Hepatocyte, Hyperplasia																										
Mesentery																	+									
Fat, Necrosis																	4									
Oral Mucosa	+		+																							
Epithelium, Hyperplasia			2																							
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Degeneration	3	3	2	4	2			2	2						2		1			2						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active					4																					
Necrosis					4																					
Ulcer					4																					
Epithelium, Hyperplasia					3																					
Stomach, Glandular	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Tongue													+													
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS-NCTR RATS FEMALE **0.175 GLYCID** ANIMAL ID	003 11	003 12	003 21	003 22	003 31	003 32	003 41	003 42	003 51	003 52	007 61	007 62	007 71	007 72	007 81	007 82	007 91	007 92	008 01	008 02	010 11	010 12	010 21	010 22	010 31	**females (cont...)**
Cardiomyopathy	2	2	2		2		2	2	3			2	2	2	2	2	2	2		2	1	2		2	3	
Thrombosis					4																					
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																										
Cyst																										
Degeneration, Cystic																										
Hypertrophy	2						2						2			2										
Pigmentation																										
Vacuolization Cytoplasmic	3	2				3			2							2							3			
Adrenal Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia		2			2				1																	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst																	4									
Pars Distalis, Hyperplasia		3				4					2			4			3		2							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
C-cell, Hyperplasia	1		2				3	3	1		1	1		1			2			1		1			1	
Follicular Cell, Hyperplasia																										
GENERAL BODY SYSTEM																										

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0.175 GLYCID

DAY ON TEST	073 7	073 7	073 7	073 7	073 7	072 6	073 7	073 7	073 7	037 3	048 1	073 7	074 3	062 5	052 2	074 3	073 7	073 7	056 0	073 7	063 4	073 7	073 7	073 7	073 7
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NONE																									
GENITAL SYSTEM																									
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte											1														
Inflammation, Suppurative					2	4	4					4	4							4	2		4		
Inflammation, Chronic Active	2		4															4						4	
Acinus, Degeneration	3												4	4		4		3					3	4	
Duct, Ectasia			3	4	2	4	4		3			4	4	3			3			4	3		2		2
Epithelium, Hyperplasia			3																						
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	2	2	4	3	3	2	1	3	2			2	3	3	3	4	2	2		3	2	1	2	2	4
Cyst																2									
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis						4																			
Cyst					2			4																	
Hemorrhage																							4		
Endometrium, Hyperplasia, Cystic		2				3					2		2		2	4			2		1				
Lumen, Dilatation				2								3		4											
Vagina						+					+														
Prolapse											X														
Lumen, Dilatation						4																			
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+

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DAY ON TEST	073 7	073 7	073 7	073 7	073 7	072 6	073 7	073 7	073 7	037 3	048 1	073 7	074 3	062 5	052 2	074 3	073 7	073 7	056 0	073 7	063 4	073 7	073 7	073 7	073 7	
ANIMAL ID	003 11	003 12	003 21	003 22	003 31	003 32	003 41	003 42	003 51	003 52	007 61	007 62	007 71	007 72	007 81	007 82	007 91	007 92	008 01	008 02	010 11	010 12	010 21	010 22	010 31	**females (cont...)**
Hyperplasia							3							2												
Lymph Node	+			+		+				+		+		+									+			
Lumbar, Hyperplasia, Lymphoid																										
Lumbar, Infiltration Cellular, Plasma Cell																										
Mediastinal, Hemorrhage												3														
Mediastinal, Hyperplasia, Lymphoid																										
Mediastinal, Pigmentation																										
Pancreatic, Infiltration Cellular, Histiocyte																										
Pancreatic, Sinus, Dilatation	2																									
Renal, Infiltration Cellular, Histiocyte																										
Renal, Sinus, Dilatation																							3			
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia, Lymphoid							3		2				3							3						
Infiltration Cellular, Plasma Cell		2	2		3		3		2			3	3			2		3		4						
Sinus, Dilatation																				2						
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid	2														2					2	2					
Infiltration Cellular, Mast Cell																										
Infiltration Cellular, Plasma Cell			2				2																		2	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																										
Fibrosis													3							4			2			
Hematopoietic Cell Proliferation							2	2																		
Hemorrhage	4																									
Hyperplasia, Stromal			4																							

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0.175 GLYCID

DAY ON TEST	073 7	073 7	073 7	073 7	073 7	072 6	073 7	073 7	073 7	037 3	048 1	073 7	074 3	062 5	052 2	074 3	073 7	073 7	056 0	073 7	063 4	073 7	073 7	073 7	073 7	**females (cont...)**
ANIMAL ID	003 11	003 12	003 21	003 22	003 31	003 32	003 41	003 42	003 51	003 52	007 61	007 62	007 71	007 72	007 81	007 82	007 91	007 92	008 01	008 02	010 11	010 12	010 21	010 22	010 31	
Necrosis			4																							
Pigmentation		2			4		2	2	2			3			3	3	3	3			3			3		
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	
Atrophy	4		4		4		4	4	3		4	4			3	4	4	4	4	4	3	4	4		3	
Cyst Multilocular	4																									
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Galactocele					4			4				4						4							4	
Lactation			2																							
Alveolus, Hyperplasia																				2						
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion																					X					
Ulcer																										
MUSCULOSKELETAL SYSTEM																										
Bone																					+					
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Compression					2			3				2						2		4					3	

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FISCHER 344 RATS-NCTR RATS FEMALE
0.175 GLYCID

DAY ON TEST / ANIMAL ID	073711	073712	073721	073722	073731	073732	073741	073742	073751	073752	074861	073762	073771	073772	062625	075222	074343	073781	073782	073791	073792	056001	073802	063404	073711	073712	073721	073722	073731
Hemorrhage																													
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Gliosis																													1
Hemorrhage																													
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gliosis	4																												
Hemorrhage																													
Ventricle, Dilatation																													2
Ventricle, Hemorrhage																													
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Axon, Degeneration		1	1	1	1	1		1	1			1	1			1	1					1	1	1	1	1	1		
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Axon, Degeneration	1	1	1	1	1			1				1					1	1	1				1					1	
Nerve, Degeneration																													1
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Gliosis									1																				
Axon, Degeneration												1						1										1	
Meninges, Infiltration Cellular, Histiocyte																													
Nerve, Degeneration	2	1	1	1	1	1	1	1	1			2	2	1			2	1				1			1				1
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+
Hemorrhage																													
Axon, Degeneration	1			1	1			1	1			1					1		1					1		1			
Meninges, Hyperplasia																													
Nerve, Degeneration	1							1				1											1		1				2

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FISCHER 344 RATS-NCTR RATS FEMALE
0.175 GLYCID

DAY ON TEST	073 7	073 7	073 7	073 7	073 7	072 6	073 7	073 7	073 7	037 3	048 1	073 7	074 3	062 5	052 2	074 3	073 7	073 7	056 0	073 7	063 4	073 7	073 7	073 7	073 7	
ANIMAL ID	003 11	003 12	003 21	003 22	003 31	003 32	003 41	003 42	003 51	003 52	007 61	007 62	007 71	007 72	007 81	007 82	007 91	007 92	008 01	008 02	010 11	010 12	010 21	010 22	010 31	**females (cont...)**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Histiocyte	2	2	2		2		2	3				2	2			1						3		2	1	
Inflammation, Chronic Active																							3			
Alveolar Epithelium, Hyperplasia																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyaline Droplet																							2			
Inflammation, Suppurative					3																					
Goblet Cell, Hyperplasia																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Bilateral, Cataract																										
Bilateral, Retina, Degeneration		2				2																	3			
Retina, Degeneration					4							1						3				2				
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte																										
Pigmentation																										
Acinus, Degeneration			3																							
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyaline Droplet			4																							

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DAY ON TEST	073 7	073 7	073 7	073 7	073 7	072 6	073 7	073 7	073 7	037 3	048 1	073 7	074 3	062 5	052 2	074 3	073 7	073 7	056 0	073 7	063 4	073 7	073 7	073 7	073 7	**females (cont...)**
ANIMAL ID	003 11	003 12	003 21	003 22	003 31	003 32	003 41	003 42	003 51	003 52	007 61	007 62	007 71	007 72	007 81	007 82	007 91	007 92	008 01	008 02	010 11	010 12	010 21	010 22	010 31	
Mineralization	1	1	1	2	1		1			1	1	1	1	2	1	1		1		1	1	1		1		
Nephropathy	1	1	2		2	2	1	4	2			4	1		2	4	2	3		2	3	2	1	3	4	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lumen, Dilatation																			2						4	

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FISCHER 344 RATS-NCTR RATS FEMALE
0.175 GLYCID

DAY ON TEST	0673	0683	0666	0564	0648	0704	0737	0737	0737	0549	0514	0735	0555	0737	0737	0691	0697	0737	0691	0737	0715	0737	0737	
ANIMAL ID	01032	01041	01042	01051	01052	01861	01862	01871	01872	01881	01882	01891	01892	01901	01902	02391	02392	02401	02402	02411	02412	02421	02422	*** TOTALS**
ALIMENTARY SYSTEM																								
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Large, Cecum	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	**44**
Intestine Large, Colon	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	**44**
Intestine Large, Rectum	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	**45**
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Intestine Small, Ileum	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	**44**
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Angiectasis							4																	**1 4.0**
Basophilic Focus											X													**2**
Basophilic Focus, Multiple				X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	**36**
Deformity				X											X							X		**4**
Degeneration, Cystic														3										**3 2.0**
Eosinophilic Focus							X							X										**5**
Hematopoietic Cell Proliferation											1													**1 1.0**
Hypertrophy	4																							**1 4.0**
Inflammation, Chronic Active							2		2		1	2			2	2				2			3	**18 2.1**
Mixed Cell Focus												X		X							X			**6**
Mixed Cell Focus, Multiple								X											X					**6**
Necrosis							4																	**1 4.0**
Pigmentation																								**1 2.0**

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FISCHER 344 RATS-NCTR RATS FEMALE																									
0.175 GLYCID ANIMAL ID	01032	01041	01042	01051	01052	01861	01862	01871	01872	01881	01882	01891	01892	01901	01902	02391	02392	02401	02402	02411	02412	02421	02422		
Vacuolization Cytoplasmic	4	4	4		3									3			3		2		4			**18**	**3.1**
Bile Duct, Hyperplasia	3	4			3		2		2			1		2	2					1	4	2	2	**25**	**2.6**
Hepatocyte, Degeneration	4	4	4																					**3**	**4.0**
Hepatocyte, Hyperplasia					4																			**1**	**4.0**
Mesentery																								**1**	
Fat, Necrosis																								**1**	**4.0**
Oral Mucosa			+					+															+	**5**	
Epithelium, Hyperplasia			2					2																**3**	**2.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Acinus, Degeneration	2			2	2	1				1											2	3		**17**	**2.1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Inflammation, Chronic Active																								**1**	**4.0**
Necrosis																								**1**	**4.0**
Ulcer																								**1**	**4.0**
Epithelium, Hyperplasia																					2			**2**	**2.5**
Stomach, Glandular	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**	
Tongue																								**1**	
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	

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FISCHER 344 RATS-NCTR RATS FEMALE																									
0.175 GLYCID ANIMAL ID	01032	01041	01042	01051	01052	01861	01862	01871	01872	01881	01882	01891	01892	01901	01902	02391	02392	02401	02402	02411	02412	02421	02422		
Cardiomyopathy		2		1	2		2	2	2	1	1	2	1	3	2	2		2	2	2	2	3	1	**38**	**1.9**
Thrombosis	2																							**2**	**3.0**
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Angiectasis																4	3							**2**	**3.5**
Cyst											2													**1**	**2.0**
Degeneration, Cystic																						2		**1**	**2.0**
Hypertrophy																								**4**	**2.0**
Pigmentation																						2		**1**	**2.0**
Vacuolization Cytoplasmic	2	1	4										2						2		2			**12**	**2.3**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Hyperplasia																					1			**4**	**1.5**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Hyperplasia				2																	2			**2**	**2.0**
Pituitary Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Pars Distalis, Cyst																								**1**	**4.0**
Pars Distalis, Hyperplasia				2			4						3			4	4			4				**12**	**3.3**
Thyroid Gland	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**	
C-cell, Hyperplasia					1		1	2	1	1	1		1	1		1		1			1		1	**24**	**1.3**
Follicular Cell, Hyperplasia																				1				**1**	**1.0**
GENERAL BODY SYSTEM																									

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FISCHER 344 RATS-NCTR RATS FEMALE
0.175 GLYCID

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NONE																								
GENITAL SYSTEM																								
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Infiltration Cellular, Lymphocyte																								**1 1.0**
Inflammation, Suppurative	2							2		3		2	3	4					2		2		2	**17 2.9**
Inflammation, Chronic Active			2			3											3	3						**8 3.1**
Acinus, Degeneration		3	2			3	2			3								3	2				2	**15 3.0**
Duct, Ectasia	3			3	3			4				3	4	4			4		4		3	4		**25 3.4**
Epithelium, Hyperplasia								4																**2 3.5**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Atrophy	4	3	2	3	2	2	3	3	3	3	3	2	2	3	3	2	2	2	2	2	3		2	**44 2.5**
Cyst																4								**2 3.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Angiectasis																								**1 4.0**
Cyst				3								3		4										**5 3.2**
Hemorrhage																								**1 4.0**
Endometrium, Hyperplasia, Cystic		3					2			1								3			2	2		**14 2.2**
Lumen, Dilatation			2											4	2									**6 2.8**
Vagina		+	+																					**4**
Prolapse																								**1**
Lumen, Dilatation		4	4																					**3 4.0**
HEMATOPOIETIC SYSTEM																								
Bone Marrow	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**

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0.175 GLYCID

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ANIMAL ID	01032	01041	01042	01051	01052	01861	01862	01871	01872	01881	01882	01891	01892	01901	01902	02391	02392	02401	02402	02411	02412	02421	02422	*** TOTALS**
Hyperplasia						2					2		3			2			2					**7 2.3**
Lymph Node		+	+	+			+							+		+		+			+			**15**
Lumbar, Hyperplasia, Lymphoid														2										**1 2.0**
Lumbar, Infiltration Cellular, Plasma Cell														2										**1 2.0**
Mediastinal, Hemorrhage																								**1 3.0**
Mediastinal, Hyperplasia, Lymphoid																		2						**1 2.0**
Mediastinal, Pigmentation		2																						**1 2.0**
Pancreatic, Infiltration Cellular, Histiocyte														3										**1 3.0**
Pancreatic, Sinus, Dilatation		2																						**2 2.0**
Renal, Infiltration Cellular, Histiocyte														3										**1 3.0**
Renal, Sinus, Dilatation							2																	**2 2.5**
Lymph Node, Mandibular	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hemorrhage												3												**1 3.0**
Hyperplasia, Lymphoid												3										1	3	**7 2.6**
Infiltration Cellular, Plasma Cell		4					2	2				3			3	3					2		3	**18 2.7**
Sinus, Dilatation				2																			2	**3 2.0**
Lymph Node, Mesenteric	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hyperplasia, Lymphoid							1											2						**6 1.8**
Infiltration Cellular, Mast Cell																2								**1 2.0**
Infiltration Cellular, Plasma Cell		3										2				3								**6 2.3**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Congestion												4												**1 4.0**
Fibrosis																								**3 3.0**
Hematopoietic Cell Proliferation						3					4	2	4			1	4		3					**9 2.8**
Hemorrhage																								**1 4.0**
Hyperplasia, Stromal																								**1 4.0**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
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Necrosis																								**1 4.0**
Pigmentation								3		2					3			3	2	3		2	2	**20 2.7**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Atrophy	4	4	4	4	4	4	4	4	4	3	4	4	3	4	4	4	4	3	4	4	4	4	4	**41 3.8**
Cyst Multilocular																								**1 4.0**
INTEGUMENTARY SYSTEM																								
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Galactocele						4		4	4	4					4				4		4			**12 4.0**
Lactation				2																			2	**3 2.0**
Alveolus, Hyperplasia				2																				**2 2.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst Epithelial Inclusion						X																		**2**
Ulcer								2																**1 2.0**
MUSCULOSKELETAL SYSTEM																								
Bone																								**1**
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
NERVOUS SYSTEM																								
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Compression		2							2	4		2							3		4			**12 2.8**

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Hemorrhage	1									4		2												**3 2.3**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Gliosis																								**1 1.0**
Hemorrhage	1																							**1 1.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Gliosis									3			2												**3 3.0**
Hemorrhage			1		1							2												**3 1.3**
Ventricle, Dilatation																					3			**2 2.5**
Ventricle, Hemorrhage										4														**1 4.0**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration		2	1			1	1	1	1			1		1	1	1	1	1	1	1	1			**32 1.0**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration		1	1		1	1	1		1			1		1	1	1	1	1					1	**25 1.0**
Nerve, Degeneration								1															1	**3 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Gliosis																						2		**2 1.5**
Axon, Degeneration															1		1							**5 1.0**
Meninges, Infiltration Cellular, Histiocyte																						2		**1 2.0**
Nerve, Degeneration		2			1	1	2	1	1	1		1	1	2	1	2	1		1	1	1	2	1	**35 1.3**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hemorrhage												1												**1 1.0**
Axon, Degeneration								1						1		1		1	1		1	1	1	**18 1.0**
Meninges, Hyperplasia													1											**1 1.0**
Nerve, Degeneration		1					1																	**8 1.1**

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RESPIRATORY SYSTEM																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Infiltration Cellular, Histiocyte			2			4		2	4	1	1	1		2			2	2				1	2	**24 2.0**
Inflammation, Chronic Active																								**1 3.0**
Alveolar Epithelium, Hyperplasia						4			3								3							**3 3.3**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyaline Droplet							3																	**2 2.5**
Inflammation, Suppurative						3																		**2 3.0**
Goblet Cell, Hyperplasia						3																2		**2 2.5**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
SPECIAL SENSES SYSTEM																								
Eye	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Bilateral, Cataract												4												**1 4.0**
Bilateral, Retina, Degeneration																								**3 2.3**
Retina, Degeneration					1							4												**6 2.5**
Harderian Gland	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Infiltration Cellular, Lymphocyte																				1				**1 1.0**
Pigmentation																					2			**1 2.0**
Acinus, Degeneration																								**1 3.0**
URINARY SYSTEM																								
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyaline Droplet				3																				**2 3.5**

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

FISCHER 344 RATS-NCTR RATS FEMALE

0.175 GLYCID

DAY ON TEST	0673	0683	0666	0564	0648	0704	0737	0737	0737	0549	0514	0735	0555	0737	0737	0691	0697	0737	0691	0737	0715	0737	0737	
ANIMAL ID	01032	01041	01042	01051	01052	01861	01862	01871	01872	01881	01882	01891	01892	01901	01902	02391	02392	02401	02402	02411	02412	02421	02422	*** TOTALS**
Mineralization	1		1				1	1		1					1			2		1	1	2	1	**29 1.1**
Nephropathy		1				2	1	2	2	2	1	2	1	1	2	1	1		3	2	3	1	2	**38 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Lumen, Dilatation																								**2 3.0**

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DAY ON TEST	0596	0737	0611	0495	0488	0738	0737	0571	0732	0737	0705	0484	0743	0743	0630	0743	0680	0737	0737	0737	0737	0737	0653	0737	0737	
FISCHER 344 RATS-NCTR RATS FEMALE																										
0.0875 GLYCID																										
ANIMAL ID	00461	00462	00471	00472	00481	00482	00491	00492	00501	00502	00661	00662	00671	00672	00681	00682	00691	00692	00701	00702	01261	01262	01271	01272	01281	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lumen, Dilatation											3															
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus				X																						
Basophilic Focus, Multiple	X	X	X		X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X		X	X	
Congestion											4															
Deformity									X				X													
Degeneration, Cystic	2																2									
Eosinophilic Focus										X							X								X	
Eosinophilic Focus, Multiple																		X				X				
Granuloma										4												4				
Infiltration Cellular, Lymphocyte																										
Inflammation, Chronic Active	2	2		1		2												2		2				2		
Mitotic Alteration																										
Mixed Cell Focus	X															X	X									

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2) Mild 4) Marked

FISCHER 344 RATS-NCTR RATS FEMALE
0.0875 GLYCID

DAY ON TEST	05 96	07 37	06 11	04 95	04 88	07 38	07 37	05 71	07 32	07 37	07 05	04 84	07 43	07 43	06 30	07 43	06 80	07 37	07 37	07 37	07 37	07 37	06 53	07 37	07 37	
ANIMAL ID	00 46 1	00 46 2	00 47 1	00 47 2	00 48 1	00 48 2	00 49 1	00 49 2	00 50 1	00 50 2	00 66 1	00 66 2	00 67 1	00 67 2	00 68 1	00 68 2	00 69 1	00 69 2	00 70 1	00 70 2	01 26 1	01 26 2	01 27 1	01 27 2	01 28 1	**females (cont...)**
Mixed Cell Focus, Multiple		X							X												X					
Necrosis											4						2			1						
Pigmentation																										
Vacuolization Cytoplasmic											3												4			
Bile Duct, Hyperplasia					1				2	2				2	4		3			2	2		4			
Hepatocyte, Degeneration											4												4			
Hepatocyte, Hyperplasia																										
Mesentery									+	+																
Fat, Necrosis									4	4																
Oral Mucosa																					+					
Epithelium, Hyperplasia																					4					
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Degeneration	1		2				2							1	1	2	3	2				2	1			
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active												3														
Ulcer												4														
Epithelium, Hyperplasia																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Tongue																										

CARDIOVASCULAR SYSTEM

FISCHER 344 RATS-NCTR RATS FEMALE
0.0875 GLYCID

DAY ON TEST	0596	0737	0611	0495	0488	0738	0737	0571	0732	0737	0705	0484	0743	0743	0630	0743	0680	0737	0737	0737	0737	0737	0653	0737	0737	
ANIMAL ID	00461	00462	00471	00472	00481	00482	00491	00492	00501	00502	00661	00662	00671	00672	00681	00682	00691	00692	00701	00702	01261	01262	01271	01272	01281	**females (cont...)**
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	1	2	2		1	2	2		2	3			2	3	1	3		2	2	2	3	2	2	2	1	
Thrombosis											4						3									
Endocardium, Hyperplasia																										
Ventricle, Dilatation																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis											4															
Degeneration, Cystic																										
Hyperplasia																										
Vacuolization Cytoplasmic												4									2	2	2	2		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia											2															
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia														1												
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst															4											
Pars Distalis, Hyperplasia					2							3						4						3		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia	1	1			3	1	1						1	1		1		2		1		1		2		

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FISCHER 344 RATS-NCTR RATS FEMALE																										
0.0875 GLYCID ANIMAL ID	00461	00462	00471	00472	00481	00482	00491	00492	00501	00502	00661	00662	00671	00672	00681	00682	00691	00692	00701	00702	01261	01262	01271	01272	01281	**females (cont...)**
Follicular Cell, Hyperplasia													2													
GENERAL BODY SYSTEM																										
Tissue NOS												+														
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative									4						3					2	4					
Inflammation, Chronic																										
Inflammation, Chronic Active													2													
Necrosis									4																	
Acinus, Degeneration		3				2	3		4		3	2	2				3		2			3		3	2	
Duct, Ectasia						3				2	3				4		2			3	4	2		2	
Epithelium, Hyperplasia										3																
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	2	2	2	2		2	2	2	4	3	4	2	2	3	4	2	2	2	2	2	2	2	3	2	2	
Cyst					2																					
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																	1	2								
Cervix, Fibrosis															3											
Endometrium, Hyperplasia, Cystic		1	2	2						1	2												2		1	
Lumen, Dilatation					2								4													
Vagina																										
Inflammation, Suppurative																										
Lumen, Dilatation																										

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FISCHER 344 RATS-NCTR RATS FEMALE
0.0875 GLYCID

DAY ON TEST	0596	0737	0611	0495	0488	0738	0737	0571	0732	0737	0705	0484	0743	0743	0630	0743	0680	0737	0737	0737	0737	0653	0737	0737
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HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia								3				2						2								
Lymph Node			+												+										+	
Lumbar, Hyperplasia, Lymphoid			3																							
Mediastinal, Fibrosis															4											
Mediastinal, Hemorrhage																									3	
Mediastinal, Pigmentation																										
Mediastinal, Sinus, Dilatation																										
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage											2															
Hyperplasia, Lymphoid									2					2		2										
Infiltration Cellular, Plasma Cell	2					2	3	2					2	2	2						3			2		
Sinus, Dilatation									3		2															
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erythrophagocytosis																										
Hemorrhage									2		2															
Hyperplasia, Lymphoid									2					2		2				1						
Infiltration Cellular, Plasma Cell				2																						
Sinus, Dilatation											2			2												
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen																										
Fibrosis																										
Hematopoietic Cell Proliferation								3	2		3	3	2			1		4				2				
Hyperplasia, Lymphoid							2					3														

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FISCHER 344 RATS-NCTR RATS FEMALE																										
0.0875 GLYCID ANIMAL ID	00461	00462	00471	00472	00481	00482	00491	00492	00501	00502	00661	00662	00671	00672	00681	00682	00691	00692	00701	00702	01261	01262	01271	01272	01281	**females (cont...)**
Pigmentation	2	3		2	2	3	2		3	2	3		2	2		2			2	2	3	2		2	4	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	
Atrophy	3	4	2	2	3	4	4	2	4	4	4	3	4	4	4	4		4	4	4	4	4		4	4	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																										
Galactocele						4																				
Inflammation, Chronic Active																										
Lactation	2		2				2			2													3			
Alveolus, Hyperplasia	3						2						2													
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																								4		
Infiltration Cellular, Plasma Cell																										
Inflammation, Suppurative							2													2						
Inflammation, Chronic Active																			3							
Ulcer							3													2						
Epithelium, Hyperplasia																			2							
MUSCULOSKELETAL SYSTEM																										
Bone														+												
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy																	3									
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS-NCTR RATS FEMALE
0.0875 GLYCID

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ANIMAL ID	00461	00462	00471	00472	00481	00482	00491	00492	00501	00502	00661	00662	00671	00672	00681	00682	00691	00692	00701	00702	01261	01262	01271	01272	01281	**females (cont...)**
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression	4						3		3																	
Hemorrhage																										
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Ventricle, Dilatation	1																									
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration			1	1		1	1		1	1	1		1						1	1				1	1	
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration		1	1			1			1	1			1		1			1			1			1	1	
Nerve, Degeneration											1							1	1							
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration						1							1									1				
Nerve, Degeneration		1					1		2	1	2			2	1	1	1	1	1	2	1	1	1	1	1	
Nerve, Hyperplasia																										
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization																			2							
Axon, Degeneration	1	1				1	1		1	1			1		1			1	1	1	1			1	1	
Nerve, Degeneration			1											1								1				

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FISCHER 344 RATS-NCTR RATS FEMALE

0.0875 GLYCID

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ANIMAL ID	00461	00462	00471	00472	00481	00482	00491	00492	00501	00502	00661	00662	00671	00672	00681	00682	00691	00692	00701	00702	01261	01262	01271	01272	01281
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis															4										
Infiltration Cellular, Histiocyte		1	1			2				2	1		1	1	4	1	4	2		1	2	2			3
Pigmentation																									
Alveolar Epithelium, Hyperplasia																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyaline Droplet																		2							2
Inflammation, Suppurative						2																			
Goblet Cell, Hyperplasia																									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Retina, Degeneration									2																
Retina, Degeneration													3									2			
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte				1										1											
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyaline Droplet			3												3										
Mineralization	1		1	1			1	1			2	2	1	1		1	1	1		1	1	1	1		
Nephropathy	2	3			1	1	1		3	3	3		1	4	1	2	2	2	1		2	1	2	3	4

females (cont...)

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FISCHER 344 RATS-NCTR RATS FEMALE

0.0875 GLYCID

DAY ON TEST	0596	0737	0611	0495	0488	0738	0737	0571	0732	0737	0705	0484	0743	0743	0630	0743	0680	0737	0737	0737	0737	0653	0737	0737	**females (cont...)**
ANIMAL ID	00461	00462	00471	00472	00481	00482	00491	00492	00501	00502	00661	00662	00671	00672	00681	00682	00691	00692	00701	00702	01261	01262	01271	01272	01281	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS-NCTR RATS FEMALE
0.0875 GLYCID

DAY ON TEST	0730	0737	0737	0737	0683	0725	0690	0737	0737	0635	0737	0737	0702	0737	0737	0693	0670	0509	0737	0611	0737	0520	0737		
ANIMAL ID	01282	01291	01292	01301	01302	01561	01562	01571	01572	01581	01582	01591	01592	01601	01602	02221	02222	02231	02232	02241	02242	02251	02252		*** TOTALS**
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Lumen, Dilatation																									**1 3.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**
Basophilic Focus																				X					**2**
Basophilic Focus, Multiple	X	X	X	X		X	X	X			X	X		X	X	X	X		X		X	X	X		**38**
Congestion																									**1 4.0**
Deformity													X						X						**4**
Degeneration, Cystic																									**2 2.0**
Eosinophilic Focus		X						X	X		X	X													**8**
Eosinophilic Focus, Multiple			X																						**3**
Granuloma															3										**3 3.7**
Infiltration Cellular, Lymphocyte															2										**1 2.0**
Inflammation, Chronic Active	2							1						1			2		1		2	1			**14 1.6**
Mitotic Alteration					3																				**1 3.0**
Mixed Cell Focus												X		X			X				X				**7**

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FISCHER 344 RATS-NCTR RATS FEMALE

0.0875 GLYCID

DAY ON TEST	0730	0737	0737	0737	0683	0725	0690	0737	0737	0635	0737	0737	0702	0737	0737	0693	0670	0509	0737	0611	0737	0520	0737	
ANIMAL ID	01282	01291	01292	01301	01302	01561	01562	01571	01572	01581	01582	01591	01592	01601	01602	02221	02222	02231	02232	02241	02242	02251	02252	*** TOTALS**
Mixed Cell Focus, Multiple		X									X											X		**8**
Necrosis	2				4				4						3	4								**8 3.0**
Pigmentation	2				4											4	2							**4 3.0**
Vacuolization Cytoplasmic			1		4					4		2	4			3		3		4		3		**11 3.2**
Bile Duct, Hyperplasia	1			2	3			2	4		2		4						1	3	1			**19 2.4**
Hepatocyte, Degeneration					4					4			4					3						**6 3.8**
Hepatocyte, Hyperplasia									4															**1 4.0**
Mesentery																+						+		**4**
Fat, Necrosis																3						3		**4 3.5**
Oral Mucosa																	+							**2**
Epithelium, Hyperplasia																								**1 4.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Acinus, Degeneration		1		2	2	3		1							1					3		1		**18 1.7**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Inflammation, Chronic Active																		3				3		**3 3.0**
Ulcer																		2						**2 3.0**
Epithelium, Hyperplasia										3								2				2		**3 2.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Necrosis										3														**1 3.0**
Tongue																+								**1**

CARDIOVASCULAR SYSTEM

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FISCHER 344 RATS-NCTR RATS FEMALE
0.0875 GLYCID

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Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cardiomyopathy	2	2	2	1		1	1	2	2		1	2		2	1	2	2	1	1		2	1	2	**39 1.8**
Thrombosis																4								**3 3.7**
Endocardium, Hyperplasia				2																				**1 2.0**
Ventricle, Dilatation																4								**1 4.0**
ENDOCRINE SYSTEM																								
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Angiectasis	2																3							**3 3.0**
Degeneration, Cystic												3												**1 3.0**
Hyperplasia																		2						**1 2.0**
Vacuolization Cytoplasmic		3		3		1	2				3		2	2					2					**13 2.3**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia																								**1 2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia																								**1 1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**45**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Pars Distalis, Cyst																		1	4					**3 3.0**
Pars Distalis, Hyperplasia						2					3									3				**7 2.9**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
C-cell, Hyperplasia	1	2	2	2	2		1	1	1		1	1	1		2		1			2	1			**27 1.4**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
0.0875 GLYCID																								
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Follicular Cell, Hyperplasia																								**1 2.0**
GENERAL BODY SYSTEM																								
Tissue NOS																								**1**
GENITAL SYSTEM																								
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Inflammation, Suppurative	4	3	3	4						3			4			2				4			2	**13 3.2**
Inflammation, Chronic						3																		**1 3.0**
Inflammation, Chronic Active							4				2								4		3			**5 3.0**
Necrosis																				4				**2 4.0**
Acinus, Degeneration	4	3				4	4			4	2								3	4	4			**21 3.0**
Duct, Ectasia	3	2	3	4									4	4	3	4			4	4	3		2	**21 3.1**
Epithelium, Hyperplasia											3													**2 3.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Atrophy	3	1	2	2	3	2	3	3	3	4	2	2	4	2		2	3	3	3	2	4	2	2	**46 2.5**
Cyst						3																		**2 2.5**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Cyst				3																3				**4 2.3**
Cervix, Fibrosis																								**1 3.0**
Endometrium, Hyperplasia, Cystic		1			1		2	2	2		1		1		1	2	2							**17 1.5**
Lumen, Dilatation												2												**3 2.7**
Vagina													+					+			+			**3**
Inflammation, Suppurative																		3						**1 3.0**
Lumen, Dilatation													4					3			4			**3 3.7**

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FISCHER 344 RATS-NCTR RATS FEMALE

0.0875 GLYCID

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HEMATOPOIETIC SYSTEM																								
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia				2	3		2																	**6 2.3**
Lymph Node									+	+			+			+		+		+				**9**
Lumbar, Hyperplasia, Lymphoid																								**1 3.0**
Mediastinal, Fibrosis																								**1 4.0**
Mediastinal, Hemorrhage																								**1 3.0**
Mediastinal, Pigmentation																3								**1 3.0**
Mediastinal, Sinus, Dilatation																2								**1 2.0**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage																								**1 2.0**
Hyperplasia, Lymphoid											2													**4 2.0**
Infiltration Cellular, Plasma Cell					3	2	3					3					4			2			3	**16 2.5**
Sinus, Dilatation												2				3	4							**5 2.8**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Erythrophagocytosis																3								**1 3.0**
Hemorrhage																								**2 2.0**
Hyperplasia, Lymphoid											2										2			**6 1.8**
Infiltration Cellular, Plasma Cell	3				2							2												**4 2.3**
Sinus, Dilatation																								**2 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Accessory Spleen																		X						**1**
Fibrosis									2			2								2				**3 2.0**
Hematopoietic Cell Proliferation		2		4	3							2				3	3						2	**15 2.6**
Hyperplasia, Lymphoid					2																			**3 2.3**

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / 0.0875 GLYCID / ANIMAL ID	0730 0128 2	0737 0129 1	0737 0129 2	0737 0130 1	0683 0130 2	0725 0156 1	0690 0156 2	0737 0157 1	0737 0157 2	0635 0158 1	0737 0158 2	0737 0159 1	0702 0159 2	0737 0160 1	0737 0160 2	0693 0162 1	0670 0222 1	0509 0222 2	0737 0223 1	0611 0223 2	0737 0224 1	0520 0224 2	0737 0225 1	0737 0225 2	* TOTALS	
Pigmentation	4	2	3		3	3	4	2				2		3	3	3	3		3		2	2	1		**34**	**2.5**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**	
Atrophy	4	3	4	4	4	4	4	4	4		4	3	4	4	4	4	4	3	4		4	3	4		**44**	**3.7**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Abscess							4																		**1**	**4.0**
Galactocele	4	4					4	4	4			4		4											**8**	**4.0**
Inflammation, Chronic Active							4																		**1**	**4.0**
Lactation			2		3												2			2		2		**10**	**2.2**
Alveolus, Hyperplasia				2														2				2			**6**	**2.2**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Abscess																									**1**	**4.0**
Infiltration Cellular, Plasma Cell														2											**1**	**2.0**
Inflammation, Suppurative														4											**3**	**2.7**
Inflammation, Chronic Active																									**1**	**3.0**
Ulcer																									**2**	**2.5**
Epithelium, Hyperplasia		2																							**2**	**2.0**
MUSCULOSKELETAL SYSTEM																										
Bone																									**1**	
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Fibrous Osteodystrophy										4										4					**3**	**3.7**
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	

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NERVOUS SYSTEM																								
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Compression	4						2			2		2				3	2					4		**10 2.9**
Hemorrhage																	2							**1 2.0**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage																	2							**1 2.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hemorrhage																	2							**1 2.0**
Ventricle, Dilatation																	2							**2 1.5**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration		1				1	1	1	1		1	1			1		1		1		1		1	**24 1.0**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration				1	1		1	1	1		1	1									1			**19 1.0**
Nerve, Degeneration																								**3 1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Axon, Degeneration					1	1															1			**6 1.0**
Nerve, Degeneration	1	1	2	2	1	1	1	2	1			1	2	2	1	1	1		1	1			2	**35 1.3**
Nerve, Hyperplasia							2																	**1 2.0**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Mineralization																								**1 2.0**
Axon, Degeneration				1		1	1	1			1	1	1	1	1	1				1	1			**26 1.0**
Nerve, Degeneration					1				1								1			1				**7 1.0**

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RESPIRATORY SYSTEM																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Fibrosis																								**1 4.0**
Infiltration Cellular, Histiocyte	1	1	2			2	2		1	2				3					1				2	**25 1.8**
Pigmentation																2								**1 2.0**
Alveolar Epithelium, Hyperplasia						2																		**1 2.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyaline Droplet						2			2			2								2				**6 2.0**
Inflammation, Suppurative																								**1 2.0**
Goblet Cell, Hyperplasia												2												**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
SPECIAL SENSES SYSTEM																								
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	**47**
Bilateral, Retina, Degeneration									4	4	1													**4 2.8**
Retina, Degeneration	1					2							3	2	4									**7 2.4**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Infiltration Cellular, Lymphocyte				1											1							1		**5 1.0**
URINARY SYSTEM																								
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyaline Droplet																								**2 3.0**
Mineralization	1	1		1	2	1				1	1	1	2	1		1	1	1		1	1	1	1	**33 1.1**
Nephropathy	2	1	3	2		2	2	3	3		1	3		2		2	2	3	1	2	2	2	4	**39 2.2**

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FISCHER 344 RATS-NCTR RATS FEMALE

0.0875 GLYCID

DAY ON TEST	0730	0737	0737	0737	0683	0725	0690	0737	0737	0635	0737	0737	0702	0737	0737	0693	0670	0509	0737	0611	0737	0520	0737	
ANIMAL ID	01282	01291	01292	01301	01302	01561	01562	01571	01572	01581	01582	01591	01592	01601	01602	02221	02222	02231	02232	02241	02242	02251	02252	*** TOTALS**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

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DAY ON TEST	073	073	073	073	061	073	073	073	073	073	074	074	074	067	073	073	073	073	073	073	057	073	073	073	073
FISCHER 344 RATS-NCTR RATS FEMALE	7	7	7	7	3	7	7	7	7	7	3	3	3	2	7	7	7	7	7	7	9	7	7	7	7
CONTROL WATER ANIMAL ID	00161	00162	00171	00172	00181	00182	00191	00192	00561	00562	00571	00572	00581	00582	00591	00592	01461	01462	01471	01472	01481	01482	01491	01492	01711	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ulcer												4														
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Goblet Cell, Hyperplasia			3																							
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte																										
Pigmentation																										
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus, Multiple	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
Clear Cell Focus																		X				X				
Congestion														3												
Deformity		X	X																X			X				
Degeneration, Cystic						2											1									
Eosinophilic Focus							X										X									
Eosinophilic Focus, Multiple													X									X				
Granuloma	2									4																
Hematopoietic Cell Proliferation																										

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FISCHER 344 RATS-NCTR RATS FEMALE
CONTROL WATER

DAY ON TEST	073 7	073 7	073 7	073 7	061 3	073 7	073 7	073 7	073 7	073 7	074 3	074 3	074 3	067 2	073 7	073 7	073 7	073 7	073 7	057 9	073 7	073 7	073 7	073 7	
ANIMAL ID	001 61	001 62	001 71	001 72	001 81	001 82	001 91	001 92	005 61	005 62	005 71	005 72	005 81	005 82	005 91	005 92	014 61	014 62	014 71	014 72	014 81	014 82	014 91	014 92	017 11	**females (cont...)**
Hepatodiaphragmatic Nodule					X												X									
Inflammation, Chronic Active				2							3	2				2		1		1	3	1	2		2	
Mixed Cell Focus			X					X														X				
Mixed Cell Focus, Multiple		X		X		X					X		X		X											
Necrosis			3											2												
Pigmentation																										
Vacuolization Cytoplasmic			4					2						2					4				2			
Bile Duct, Hyperplasia				2		2			2			2							4			3	3	4		
Hepatocyte, Degeneration																			4							
Mesentery												+							+							
Fat, Necrosis												4							4							
Oral Mucosa												+														
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Degeneration	2		4	3	1	2				2		2	2	3	2	3	2		3				2		2	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte																										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis																										
Inflammation, Chronic Active																										
Epithelium, Hyperplasia			2									1														
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Pigmentation																										

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DAY ON TEST	073	073	073	073	061	073	073	073	073	073	074	074	074	067	073	073	073	073	073	057	073	073	073	073	
FISCHER 344 RATS-NCTR RATS FEMALE	7	7	7	7	3	7	7	7	7	7	3	3	3	2	7	7	7	7	7	9	7	7	7	7	
CONTROL WATER ANIMAL ID	00161	00162	00171	00172	00181	00182	00191	00192	00561	00562	00571	00572	00581	00582	00591	00592	01461	01462	01471	01472	01481	01482	01491	01492	01711	**females (cont...)**
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	3	2	3		1	2	2	3	2	1	3	2	1		2	1	2	2	2	1	2	2	1	1	
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																	3	3								
Congestion			4																							
Degeneration, Cystic			4				3																			
Hemorrhage																										
Hyperplasia																										
Hypertrophy										3				1											2	
Vacuolization Cytoplasmic				2				2		2		3								2				2		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	
Hyperplasia								2		1																
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																						2				
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst																										
Pars Distalis, Hyperplasia				2		4															1		3			

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FISCHER 344 RATS-NCTR RATS FEMALE
CONTROL WATER

DAY ON TEST	073	073	073	073	061	073	073	073	073	073	074	074	074	067	073	073	073	073	073	073	057	073	073	073	073
ANIMAL ID	001	001	001	001	001	001	001	001	005	005	005	005	005	005	005	005	014	014	014	014	014	014	014	014	017
	61	62	71	72	81	82	91	92	61	62	71	72	81	82	91	92	61	62	71	72	81	82	91	92	11
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Polymorphonuclear			2																						
C-cell, Hyperplasia	1	2	1	1	1		2	2	3	2		1	1		3	1	1	2		1	2			1	
Follicular Cell, Hyperplasia																						2			
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																									
Inflammation, Suppurative				3							2	2	3				3						4		
Inflammation, Chronic Active								2												2					
Acinus, Degeneration			4		3		3	2			2	3						3					2		
Duct, Ectasia		4	4	4	3	4	2						3				4	4	3	3		4	4		4
Epithelium, Hyperplasia				3											3										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	2	2	4	2	3	2	1	2	2	4	2	3	2	3	2	3	3	2		2	2	2	1	3	2
Cyst																									
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst										2	2														
Hemorrhage													4												
Endometrium, Hyperplasia, Cystic																									1
Lumen, Dilatation						4	3						4								4			4	
Vagina																									

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / CONTROL WATER / ANIMAL ID	073701	073702	073711	073712	061381	073701	073701	073701	073701	073701	074301	074302	074303	067202	073701	073701	073701	073701	073701	073701	057901	073701	073701	073701	073701	**females (cont...)**
Lumen, Dilatation																										
Mucocyte, Hyperplasia																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Lymph Node										+																
Pancreatic, Hyperplasia, Lymphoid										3																
Renal, Hemorrhage																										
Renal, Sinus, Dilatation																										
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid				2															2	3						
Infiltration Cellular, Plasma Cell	2		3		3		3							1	2	3	2	3	3	4		2	2		2	
Sinus, Dilatation																									2	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage				3																						
Hyperplasia, Lymphoid				2										2						2	2				2	
Infiltration Cellular, Plasma Cell																										
Sinus, Dilatation			3							2																
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis																			2							
Hematopoietic Cell Proliferation		4					3				2	2	2					3		3						
Hemorrhage																										
Hyperplasia, Lymphoid												4														
Necrosis																										

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FISCHER 344 RATS-NCTR RATS FEMALE CONTROL WATER	DAY ON TEST	073 7	073 7	073 7	073 7	061 3	073 7	073 7	073 7	073 7	073 7	074 3	074 3	074 3	067 2	073 7	073 7	073 7	073 7	073 7	073 7	057 9	073 7	073 7	073 7	073 7
	ANIMAL ID	001 61	001 62	001 71	001 72	001 81	001 82	001 91	001 92	005 61	005 62	005 71	005 72	005 81	005 82	005 91	005 92	014 61	014 62	014 71	014 72	014 81	014 82	014 91	014 92	017 11	**females (cont...)**
Pigmentation		2		2	2	3		3	2	3	4	2		2		3	3	2	3		2	2	2	4		2	
Thymus		+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		4	4	4	4	3		4	4	4	2	4	4	3	2	4	3	4	4	4	4	3	4	4	4	4	
INTEGUMENTARY SYSTEM																											
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Galactocele			4	4				4			4																
Lactation							1		3					1					2				2			2	
Alveolus, Hyperplasia						3	2		2											3						2	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion											X																
Inflammation, Suppurative																					2						
Ulcer																					2						
Epithelium, Hyperplasia																					2						
MUSCULOSKELETAL SYSTEM																											
Bone, Femur		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																											
Brain, Brain Stem		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Compression						4			2		2	3															
Hemorrhage											2																
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	073	073	073	073	061	073	073	073	073	073	074	074	074	067	073	073	073	073	073	057	073	073	073	073
FISCHER 344 RATS-NCTR RATS FEMALE																									
CONTROL WATER																									
ANIMAL ID	00161	00162	00171	00172	00181	00182	00191	00192	00561	00562	00571	00572	00581	00582	00591	00592	01461	01462	01471	01472	01481	01482	01491	01492	01711
females (cont...)																									
Hemorrhage																									
Ventricle, Dilatation					2																				
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Ventricle, Dilatation					2					2	2														
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Axon, Degeneration		1	1					1	1		1	1		2	2	1	1			1	1				1
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage													1												
Inflammation, Chronic Active					1																				
Axon, Degeneration	1		1	1		1	1	1	1	1		1		1			1	1		1		1	1	1	1
Nerve, Degeneration																									
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Axon, Degeneration	1										1				1										1
Nerve, Degeneration		1	2	1		2		1		2		1		1			1	1	1	1	1	1	2	1	1
Nerve, Gliosis										1															
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Axon, Degeneration		1	1	1				1		1	1		1	1	1		1	1		1		1	1	1	1
Nerve, Degeneration						1				1			1			1			1	1					
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Infiltration Cellular, Histiocyte	2	1			1	3	2	1			2	2		1	1		3	1		2			2		2

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DAY ON TEST	073	073	073	073	061	073	073	073	073	073	074	074	074	067	073	073	073	073	073	073	057	073	073	073	073	
FISCHER 344 RATS-NCTR RATS FEMALE																										
CONTROL WATER ANIMAL ID	00161	00162	00171	00172	00181	00182	00191	00192	00561	00562	00571	00572	00581	00582	00591	00592	01461	01462	01471	01472	01481	01482	01491	01492	01711	**females (cont...)**
Alveolar Epithelium, Hyperplasia																							2			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyaline Droplet																				2		3	2		2	
Inflammation, Suppurative																										
Inflammation, Chronic Active					2																					
Goblet Cell, Hyperplasia																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative			4																							
Necrosis			4																							
Ulcer			4																							
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative																										
Bilateral, Retina, Degeneration			2	2																						
Retina, Degeneration	2						1					1								3						
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte										1			1			1		1		1						
Inflammation, Chronic																										
Zymbal's Gland																										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyaline Droplet																										

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FISCHER 344 RATS-NCTR RATS FEMALE
CONTROL WATER

DAY ON TEST	073	073	073	073	061	073	073	073	073	073	073	074	074	074	067	073	073	073	073	073	073	057	073	073	073	073	
ANIMAL ID	00161	00162	00171	00172	00181	00182	00191	00192	00561	00562	00571	00572	00581	00582	00591	00592	01461	01462	01471	01472	01481	01482	01491	01492	01711	**females (cont...)**
Mineralization	1	1		1	2	1			1	1	1						1		1	1	1		1	1		
Nephropathy	3	2	4	4		1	3	4	1	4	3	2	2		1	1	3	2	2	3		3	3	2	2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	073	068	071	073	073	073	073	073	062	057	073	069	043	062	072	073	073	073	055	054	073	073	073	
FISCHER 344 RATS-NCTR RATS FEMALE	7	7	5	7	7	7	7	7	8	3	7	0	2	0	2	7	7	7	0	4	7	7	7	
CONTROL WATER	01	01	01	01	01	01	01	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	
ANIMAL ID	712	721	722	731	732	741	742	011	012	021	022	031	032	041	042	471	472	481	482	491	492	501	502	*** TOTALS**
ALIMENTARY SYSTEM																								
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**46**
Ulcer																								**1 4.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**46**
Goblet Cell, Hyperplasia																								**1 3.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**46**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**46**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**46**
Infiltration Cellular, Lymphocyte										2														**1 2.0**
Pigmentation										2														**1 2.0**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**46**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Basophilic Focus, Multiple	X	X	X	X	X	X		X			X	X		X	X	X	X	X	X		X	X	X	**41**
Clear Cell Focus																								**2**
Congestion																								**1 3.0**
Deformity	X							X															X	**7**
Degeneration, Cystic		2																						**3 1.7**
Eosinophilic Focus												X							X			X		**5**
Eosinophilic Focus, Multiple																								**2**
Granuloma												3												**3 3.0**
Hematopoietic Cell Proliferation					1																			**1 1.0**

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FISCHER 344 RATS-NCTR RATS FEMALE

CONTROL WATER

DAY ON TEST	073 7	068 7	071 5	073 7	073 7	073 7	073 7	073 7	062 8	057 3	073 7	069 0	043 2	062 0	072 2	073 7	073 7	073 7	073 7	055 0	054 4	073 7	073 7	073 7	*** TOTALS**	
ANIMAL ID	01712	01721	01722	01731	01732	01741	01742	02011	02012	02021	02022	02031	02032	02041	02042	02471	02472	02481	02482	02491	02492	02501	02502			
Hepatodiaphragmatic Nodule																									**2**	
Inflammation, Chronic Active	2			2	3			2			2						2	2	2			2			**19**	**2.0**
Mixed Cell Focus				X		X									X	X	X	X				X			**10**	
Mixed Cell Focus, Multiple		X	X																						**8**	
Necrosis																									**2**	**2.5**
Pigmentation		3	3																						**2**	**3.0**
Vacuolization Cytoplasmic		4	3		2		4		4	4		2	3					3		4					**15**	**3.1**
Bile Duct, Hyperplasia	2	4	2				4	3	4							1						1			**16**	**2.7**
Hepatocyte, Degeneration							4		4	4															**4**	**4.0**
Mesentery						+											+								**4**	
Fat, Necrosis						4											4								**4**	**4.0**
Oral Mucosa																									**1**	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Acinus, Degeneration	4	1					2				2							2				2			**21**	**2.3**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Infiltration Cellular, Lymphocyte				1																					**1**	**1.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Fibrosis																4									**1**	**4.0**
Inflammation, Chronic Active																4									**1**	**4.0**
Epithelium, Hyperplasia									2																**3**	**1.7**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+		**47**	
Necrosis									4																**1**	**4.0**
Pigmentation									4																**1**	**4.0**

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FISCHER 344 RATS-NCTR RATS FEMALE
CONTROL WATER

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ANIMAL ID	017 12	017 21	017 22	017 31	017 32	017 41	017 42	020 11	020 12	020 21	020 22	020 31	020 32	020 41	020 42	024 71	024 72	024 81	024 82	024 91	024 92	025 01	025 02			
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Cardiomyopathy			2	3	2	2		2	2	1	1	2		2	1	2	2	2	1		2	2			**40**	**1.9**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Angiectasis																									**2**	**3.0**
Congestion																									**1**	**4.0**
Degeneration, Cystic					2																				**3**	**3.0**
Hemorrhage															3										**1**	**3.0**
Hyperplasia				2																					**1**	**2.0**
Hypertrophy										1															**4**	**1.8**
Vacuolization Cytoplasmic	2				2		2		4	2					1										**12**	**2.2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**	
Hyperplasia							3																		**3**	**2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Hyperplasia				2																					**2**	**2.0**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+		**47**	
Pars Distalis, Cyst										4		3							2						**3**	**3.0**
Pars Distalis, Hyperplasia											1	3	3				3		2	4			3		**11**	**2.6**

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FISCHER 344 RATS-NCTR RATS FEMALE

CONTROL WATER

DAY ON TEST	073 7	068 7	071 5	073 7	073 7	073 7	073 7	073 7	062 8	057 3	073 7	069 0	043 2	062 0	072 2	073 7	073 7	073 7	050 0	054 4	073 7	073 7	073 7	* TOTALS	
ANIMAL ID	0171 2	0172 1	0172 2	0173 1	0173 2	0174 1	0174 2	0201 1	0201 2	0202 1	0202 2	0203 1	0203 2	0204 1	0204 2	0247 1	0247 2	0248 1	0248 2	0249 1	0249 2	0250 1	0250 2		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Infiltration Cellular, Polymorphonuclear																								**1**	**2.0**
C-cell, Hyperplasia	2		2	2	2	1				1	1				2	1	1				1	1	1	**31**	**1.5**
Follicular Cell, Hyperplasia																								**1**	**2.0**
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Infiltration Cellular, Lymphocyte																			2					**1**	**2.0**
Inflammation, Suppurative	2	4			4	3			4	3								2			4	2	4	**16**	**3.1**
Inflammation, Chronic Active			2	3									2											**5**	**2.2**
Acinus, Degeneration		2				2	3					2	3	3			3	3						**16**	**2.7**
Duct, Ectasia	3			4		4	2	3	4	2				3				3			4	4		**25**	**3.4**
Epithelium, Hyperplasia																			4				4	**4**	**3.5**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Atrophy	4	2			3	3	3	3	4	3	2	2	2	3	3	3	2	3	2		3	2	4	**44**	**2.5**
Cyst				4	4							3												**3**	**3.7**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Cyst																								**2**	**2.0**
Hemorrhage																								**1**	**4.0**
Endometrium, Hyperplasia, Cystic		2		3			2	1		2		2	1			1			1				2	**11**	**1.6**
Lumen, Dilatation																		4						**6**	**3.8**
Vagina		+					+						+											**3**	

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DAY ON TEST / FISCHER 344 RATS-NCTR RATS FEMALE / CONTROL WATER / ANIMAL ID	0737 01712	0687 01721	0715 01722	0737 01731	0737 01732	0737 01741	0737 01742	0737 02011	0628 02012	0573 02021	0737 02022	0690 02031	0432 02032	0620 02041	0722 02042	0737 02471	0737 02472	0737 02481	0550 02482	0544 02491	0737 02492	0737 02501	0737 02502	* TOTALS	
Lumen, Dilatation		4					2						4											**3**	**3.3**
Mucocyte, Hyperplasia		4					4																	**2**	**4.0**
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Hyperplasia				2											2									**2**	**2.0**
Lymph Node							+		+											+			+	**5**	
Pancreatic, Hyperplasia, Lymphoid																								**1**	**3.0**
Renal, Hemorrhage																							2	**1**	**2.0**
Renal, Sinus, Dilatation																							2	**1**	**2.0**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Hyperplasia, Lymphoid	1									2					1									**6**	**1.8**
Infiltration Cellular, Plasma Cell	2	3		2	3	3		2													3	2		**22**	**2.5**
Sinus, Dilatation		4																				3		**3**	**3.0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**47**	
Hemorrhage																								**1**	**3.0**
Hyperplasia, Lymphoid					2	2				2	2	2												**10**	**2.0**
Infiltration Cellular, Plasma Cell			2					2																**2**	**2.0**
Sinus, Dilatation																								**2**	**2.5**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Fibrosis																								**1**	**2.0**
Hematopoietic Cell Proliferation			2	3								2			4		2		2		2			**14**	**2.6**
Hemorrhage													4											**1**	**4.0**
Hyperplasia, Lymphoid																								**1**	**4.0**
Necrosis										4														**1**	**4.0**

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FISCHER 344 RATS-NCTR RATS FEMALE
CONTROL WATER

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ANIMAL ID	017 12	017 21	017 22	017 31	017 32	017 41	017 42	020 11	020 12	020 21	020 22	020 31	020 32	020 41	020 42	024 71	024 72	024 81	024 82	024 91	024 92	025 01	025 02			
Pigmentation	1	2	2	2	2	4					3	2		4	3	3	2	3	2		3	4	3		**36**	**2.6**
Thymus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+		**45**	
Atrophy	4	4	3	4	4	3	4	4			4	4	4	4	4	4	4	3	2			4	3		**43**	**3.7**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Galactocele			4			4																	2		**7**	**3.7**
Lactation		4			2			2	3	2															**11**	**2.2**
Alveolus, Hyperplasia		4						3					2					3			2				**10**	**2.6**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Cyst Epithelial Inclusion																									**1**	
Inflammation, Suppurative			2			3																			**3**	**2.3**
Ulcer			3			2																			**3**	**2.3**
Epithelium, Hyperplasia			2			2																			**3**	**2.0**
MUSCULOSKELETAL SYSTEM																										
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
NERVOUS SYSTEM																										
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	
Compression		2	2			2	2							3							1				**10**	**2.3**
Hemorrhage		2																							**2**	**2.0**
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**48**	

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FISCHER 344 RATS-NCTR RATS FEMALE																									
CONTROL WATER ANIMAL ID	017 12	017 21	017 22	017 31	017 32	017 41	017 42	020 11	020 12	020 21	020 22	020 31	020 32	020 41	020 42	024 71	024 72	024 81	024 82	024 91	024 92	025 01	025 02		
Hemorrhage		3																						**1**	**3.0**
Ventricle, Dilatation																								**1**	**2.0**
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Hemorrhage		1																						**1**	**1.0**
Ventricle, Dilatation														1										**4**	**1.8**
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Axon, Degeneration	1	1	1	1				1		1	1	1		1		1			1		1	1	1	**27**	**1.1**
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Hemorrhage																								**1**	**1.0**
Inflammation, Chronic Active																								**1**	**1.0**
Axon, Degeneration	1		1	1	1	1	1	1	1	1		1		1		1		1			1		1	**32**	**1.0**
Nerve, Degeneration				1							1													**2**	**1.0**
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Axon, Degeneration																					1			**5**	**1.0**
Nerve, Degeneration	1	1	1	1		1	1		1		1	1		1	1	1	1	1	1		1	1	2	**35**	**1.1**
Nerve, Gliosis																								**1**	**1.0**
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Axon, Degeneration	1		1	1		1	1	1	1			1			1	1		1		1	1			**29**	**1.0**
Nerve, Degeneration						1												1						**8**	**1.0**
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**	
Hemorrhage											3													**1**	**3.0**
Infiltration Cellular, Histiocyte							2				1	1				1	3	2	1		2		2	**24**	**1.7**

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FISCHER 344 RATS-NCTR RATS FEMALE																								
CONTROL WATER																								
ANIMAL ID	017 12	017 21	017 22	017 31	017 32	017 41	017 42	020 11	020 12	020 21	020 22	020 31	020 32	020 41	020 42	024 71	024 72	024 81	024 82	024 91	024 92	025 01	025 02	*** TOTALS**
Alveolar Epithelium, Hyperplasia																	4		4					**3 3.3**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyaline Droplet							2																	**5 2.2**
Inflammation, Suppurative																2								**1 2.0**
Inflammation, Chronic Active																							3	**2 2.5**
Goblet Cell, Hyperplasia																							4	**1 4.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Inflammation, Suppurative																								**1 4.0**
Necrosis																								**1 4.0**
Ulcer																								**1 4.0**
SPECIAL SENSES SYSTEM																								
Eye	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	**46**
Inflammation, Suppurative		2																						**1 2.0**
Bilateral, Retina, Degeneration			2												1	4								**5 2.2**
Retina, Degeneration		2															4				4			**7 2.4**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Infiltration Cellular, Lymphocyte	2				2														1					**8 1.3**
Inflammation, Chronic			4																					**1 4.0**
Zymbal's Gland		+																						**1**
URINARY SYSTEM																								
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyaline Droplet										3														**1 3.0**

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

FISCHER 344 RATS-NCTR RATS FEMALE

CONTROL WATER

DAY ON TEST	073 7	068 7	071 5	073 7	073 7	073 7	073 7	073 7	062 8	057 3	073 7	069 0	043 2	062 0	072 2	073 7	073 7	073 7	055 0	054 4	073 7	073 7	073 7	
ANIMAL ID	017 12	017 21	017 22	017 31	017 32	017 41	017 42	020 11	020 12	020 21	020 22	020 31	020 32	020 41	020 42	024 71	024 72	024 81	024 82	024 91	024 92	025 01	025 02	*** TOTALS**
Mineralization	1	1	1	1	1	1	1	1	3	1	1	1	1	1		1	1		1	1	1	1		**34 1.1**
Nephropathy	2	1	4	2	3	1	1	3	2	2	2	2		2	4	2	1	3	1		4	2	1	**43 2.3**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

*** END OF REPORT ***

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