F2_R2

C Number:	C20007
Lock Date:	03/27/2007
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	2.2.0

FISCHER 344 RATS MALE

0.0 G/KG

males (cont...)

DAY ON TEST	0729	0727	0651	0728	0727	0610	0629	0729	0727	0728	0727	0582	0728	0727	0729	0504	0727	0727	0727	0728	0728	0727	0727	0728	0545
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia																					1				
Epithelium, Necrosis																									
Muscularis, Degeneration																									
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parasite Metazoan					X			X	X	X											X				
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ectopic Tissue																									
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Necrosis																									
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus	X			X					X	X	X		X				X					X	X	X	X
Clear Cell Focus		X		X					X				X	X	X					X	X	X			
Eosinophilic Focus				X					X				X	X								X		X	
Fatty Change, Diffuse											1	1				3					2		2		1
Hematopoietic Cell Proliferation																									
Hepatodiaphragmatic Nodule						X																			
Inflammation, Chronic Active	1	1		1	1				1	1	1	1	1	1	1		1		1	1	1	1	1	1	

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FISCHER 344 RATS MALE

0.0 G/KG

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ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	**males (cont...)**
Mixed Cell Focus																					X	X			X	
Necrosis																										
Pigmentation, Hemosiderin							3																			
Bile Duct, Hyperplasia	2	1	1	1	1	1			1	1		1	1	2			1	2	1		1	2		2		
Centrilobular, Fatty Change																										
Mesentery			+			+																				
Hemorrhage			3																							
Fat, Necrosis						1																				
Oral Mucosa																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	2					2	1					1			1			1		1		1				
Acinus, Hyperplasia																						1				
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation						3										3										
Ulcer						3										2										
Epithelium, Dysplasia																										
Epithelium, Hyperplasia		1				2										3										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			2				2																			
Epithelium, Necrosis							2																			
Tooth		+			+				+										+				+	+		
Malformation		1			1				1										1				1	1		

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FISCHER 344 RATS MALE																										
0.0 G/KG																										
ANIMAL ID	000 001	000 002	000 003	000 004	000 005	000 006	000 007	000 008	000 009	000 010	000 011	000 012	000 013	000 014	000 015	000 016	000 017	000 018	000 019	000 020	000 021	000 022	000 023	000 024	000 025	**males (cont...)**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	3	2	2	2	1	1	2	3	3	2	2	3	2	3		3	1	3	3	3	3	2	3	2	
Atrium, Thrombosis							2																			
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic	3																									
Hypertrophy					1			2																		
Necrosis								1																		
Vacuolization Cytoplasmic											3															
Zona Fasciculata, Hyperplasia	1	1										1		1										1		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia						1	1																	3	1	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																2										
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage			2																							
Pars Distalis, Hyperplasia				1	2		1			1			1		3				1							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS MALE																										
0.0 G/KG																										
ANIMAL ID	000 01	000 02	000 03	000 04	000 05	000 06	000 07	000 08	000 09	000 10	000 11	000 12	000 13	000 14	000 15	000 16	000 17	000 18	000 19	000 20	000 21	000 22	000 23	000 24	000 25	**males (cont...)**
C-cell, Hyperplasia																		1	2				1	1		

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland																									+	
Fibrosis																										
Inflammation																									2	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	2	2	3				2		1			2	1		1	3	3		1		2	1	2	2	4	
Epithelium, Hyperplasia													1	1			1		1							
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Arteriole, Necrosis																					1					
Germinal Epithelium, Degeneration	2		1																							
Interstitial Cell, Hyperplasia		1	2		3			1				2					3				1		2	2		

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS MALE																										
0.0 G/KG																										
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	**males (cont...)**
Hyperplasia			3			4	3	3		1	1							3								
Lymph Node																		+			+			+		
Mediastinal, Hyperplasia, Lymphoid																					2			2		
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	1																									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen												X														
Hematopoietic Cell Proliferation											2															
Hemorrhage						3																				
Inflammation																										
Necrosis						2																				
Pigmentation, Hemosiderin	1	1		1	1				1	1			1	1	1	2	1		1	1	1	1	1	1	1	
Lymphoid Follicle, Atrophy																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3	4	4	4	3	4	3	3	3	3	4	3	3	3	3	3		3	3	3	3	3	4	3	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcutaneous Tissue, Fibrosis																										
MUSCULOSKELETAL SYSTEM																										

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DAY ON TEST / FISCHER 344 RATS MALE / 0.0 G/KG / ANIMAL ID	0729 0001	0727 0002	0651 0003	0728 0004	0727 0005	0610 0006	0629 0007	0729 0008	0727 0009	0728 0010	0727 0011	0582 0012	0728 0013	0727 0014	0729 0015	0504 0016	0727 0017	0727 0018	0727 0019	0728 0020	0728 0021	0727 0022	0727 0023	0728 0024	0545 0025	males (cont...)
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle							+																			
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Necrosis							1																			
Peripheral Nerve			+																						+	
Spinal Cord			+																						+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active						2	2		1			1						2								
Necrosis							2																			
Thrombosis																										
Alveolar Epithelium, Hyperplasia									3	2	1			1								1	1	2	1	
Alveolar Epithelium, Hypertrophy		1				1																				
Alveolar Epithelium, Metaplasia, Squamous									1																	
Alveolus, Infiltration Cellular, Histiocyte	1	1									1				1											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body																										
Inflammation	1		1	1		1	2						1	2			2			2	1					
Olfactory Epithelium, Metaplasia																										
Respiratory Epithelium, Hyperplasia																	2									

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FISCHER 344 RATS MALE																										
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ANIMAL ID	000 01	000 02	000 03	000 04	000 05	000 06	000 07	000 08	000 09	000 10	000 11	000 12	000 13	000 14	000 15	000 16	000 17	000 18	000 19	000 20	000 21	000 22	000 23	000 24	000 25	**males (cont...)**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cornea, Fibrosis											2															
Iris, Synechia											4															
Lens, Cataract																			1					2		
Retina, Degeneration			2															1	1				1	3		
Retina, Retinal Detachment											4															
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accumulation, Hyaline Droplet							1																			
Infarct																		2								
Mineralization	1	1		1	1	1	1	1	1	1		1		1	1	1	1	1	1			1		1		
Nephropathy	1	1	1	3	1	1	1		1	1	1	1	1		1	3	3	1	1	1	1	1	2	1	2	
Cortex, Cyst																		2								
Papilla, Necrosis																									4	
Pelvis, Inflammation																									3	
Ureter																									+	
Inflammation																									4	
Urethra																									+	
Inflammation																									4	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS MALE	9	7	1	8	7	0	9	9	7	8	7	2	8	7	9	4	7	7	7	8	8	7	7	8	5		
0.0 G/KG ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	**males (cont...)**	
Inflammation																		1							4		
Transitional Epithelium, Hyperplasia															2												

FISCHER 344 RATS MALE

0.0 G/KG

DAY ON TEST	072	072	070	061	072	072	069	051	072	068	072	072	072	072	072	050	072	072	059	072	067	068	072	072	
ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	*** TOTALS**
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Epithelium, Hyperplasia																									**1 1.0**
Epithelium, Necrosis			1																						**1 1.0**
Muscularis, Degeneration			2																						**1 2.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Parasite Metazoan							X						X												**7**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Ectopic Tissue													2												**1 2.0**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Necrosis				1																					**1 1.0**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Basophilic Focus	X	X			X				X			X			X		X			X			X	X	**21**
Clear Cell Focus	X	X			X	X							X	X	X		X			X					**18**
Eosinophilic Focus		X			X				X				X	X	X		X					X		X	**15**
Fatty Change, Diffuse			2	1		2		4				1													**11 1.8**
Hematopoietic Cell Proliferation								1				1										1			**3 1.0**
Hepatodiaphragmatic Nodule														X											**2**
Inflammation, Chronic Active	1	1			1	1	1		1		1	1	1	1	1	1	1	1		1	1		1	1	**36 1.0**

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0.0 G/KG

DAY ON TEST	072 8	072 8	070 9	061 3	072 8	072 9	069 4	051 1	072 8	068 9	072 8	072 8	072 7	072 8	072 8	050 4	072 8	072 7	059 4	072 7	067 5	068 6	072 7	072 7	
ANIMAL ID	000 26	000 27	000 28	000 29	000 30	000 31	000 32	000 33	000 34	000 35	000 37	000 38	000 39	000 40	000 41	000 42	000 43	000 44	000 45	000 46	000 47	000 48	000 49	000 50	*** TOTALS**
Mixed Cell Focus							X																		**4**
Necrosis																					2				**1 2.0**
Pigmentation, Hemosiderin																									**1 3.0**
Bile Duct, Hyperplasia	1	2	1	1	1	2					1	1	1		2	1	2		2	1	1				**32 1.3**
Centrilobular, Fatty Change																						2			**1 2.0**
Mesentery	+															+		+			+				**6**
Hemorrhage																									**1 3.0**
Fat, Necrosis	3															2		4							**4 2.5**
Oral Mucosa													+												**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Atrophy					1	1				1	1	1			2						1			2	**16 1.3**
Acinus, Hyperplasia					1										3					2		1	1		**6 1.5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation		1	3	2				2								3						1			**8 2.3**
Ulcer			2	3																					**4 2.5**
Epithelium, Dysplasia																						1			**1 1.0**
Epithelium, Hyperplasia			3	1												3									**6 2.2**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation																									**2 2.0**
Epithelium, Necrosis																				1					**2 1.5**
Tooth											+			+			+	+							**10**
Malformation											1			1			1	1							**10 1.0**

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DAY ON TEST	072	072	070	061	072	072	069	051	072	068	072	072	072	072	072	050	072	072	059	072	067	068	072	072	
FISCHER 344 RATS MALE	8	8	9	3	8	9	4	1	8	9	8	8	7	8	8	4	8	7	4	7	5	6	7	7	
0.0 G/KG ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	*** TOTALS**
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Cardiomyopathy	2	2	2	2	2	3	2	2	3	2	3	2	3	2	3	3	3	2	2	3	2	2	2	3	**48 2.4**
Atrium, Thrombosis												2													**2 2.0**
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Degeneration, Cystic																									**1 3.0**
Hypertrophy																									**2 1.5**
Necrosis																									**1 1.0**
Vacuolization Cytoplasmic																									**1 3.0**
Zona Fasciculata, Hyperplasia	1											1			1										**8 1.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hyperplasia													4	2				1				1		1	**9 1.7**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hyperplasia								1				4													**2 2.5**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hyperplasia																									**1 2.0**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hemorrhage																									**1 2.0**
Pars Distalis, Hyperplasia		3	1		1				1	1		1		2	1							1	3		**17 1.5**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

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DAY ON TEST	072	072	070	061	072	072	069	051	072	068	072	072	072	072	072	050	072	072	059	072	067	068	072	072	
FISCHER 344 RATS MALE	8	8	9	3	8	9	4	1	8	9	8	8	7	8	8	4	8	7	4	7	5	6	7	7	
0.0 G/KG ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	*** TOTALS**
C-cell, Hyperplasia							1						4					1					4		**8 1.9**
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Coagulating Gland																							+		**2**
Fibrosis																							3		**1 3.0**
Inflammation																									**1 2.0**
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation													1												**1 1.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation	2	2			1		2	2	2						2	2		2	2			2		3	**28 2.0**
Epithelium, Hyperplasia						1	1						2	1	1										**9 1.1**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Arteriole, Necrosis																									**1 1.0**
Germinal Epithelium, Degeneration																2									**3 1.7**
Interstitial Cell, Hyperplasia	2						1	1			3	3				2		2	2						**17 1.9**
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

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DAY ON TEST	072	072	070	061	072	072	069	051	072	068	072	072	072	072	072	050	072	072	059	072	067	068	072	072	
FISCHER 344 RATS MALE	8	8	9	3	8	9	4	1	8	9	8	8	7	8	8	4	8	7	4	7	5	6	7	7	
0.0 G/KG ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	*** TOTALS**
Hyperplasia			3			1		3	2	3	1	4					1				3				**16 2.4**
Lymph Node		+																							**4**
Mediastinal, Hyperplasia, Lymphoid		2																							**3 2.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Atrophy																						3			**2 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Accessory Spleen																									**1**
Hematopoietic Cell Proliferation	1		1					3				2				2		1			2	2		1	**10 1.7**
Hemorrhage																									**1 3.0**
Inflammation																					2				**1 2.0**
Necrosis																									**1 2.0**
Pigmentation, Hemosiderin	1			1		1	2	1					1	1	1	1	1	1	1					1	**31 1.1**
Lymphoid Follicle, Atrophy				4												3									**2 3.5**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	**48**
Atrophy	4	3	4	4	3	3	3	3	3	4	3	3	4	3	3	4	3	4	4	3		4	4	3	**47 3.3**
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	**48**
Hyperplasia															2										**1 2.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Subcutaneous Tissue, Fibrosis		4																							**1 4.0**
MUSCULOSKELETAL SYSTEM																									

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DAY ON TEST	072	072	070	061	072	072	069	051	072	068	072	072	072	072	072	050	072	072	059	072	067	068	072	072	
FISCHER 344 RATS MALE																									
0.0 G/KG																									
ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	*** TOTALS**
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Skeletal Muscle																									**1**
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hemorrhage																1									**1 1.0**
Necrosis										3															**2 2.0**
Peripheral Nerve																									**2**
Spinal Cord																									**2**
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation, Chronic Active									1																**6 1.5**
Necrosis										1															**2 1.5**
Thrombosis				1																					**1 1.0**
Alveolar Epithelium, Hyperplasia	1				2	1	1				1			1		3	2	1		1				1	**19 1.4**
Alveolar Epithelium, Hypertrophy																									**2 1.0**
Alveolar Epithelium, Metaplasia, Squamous																									**1 1.0**
Alveolus, Infiltration Cellular, Histiocyte							1		1				1											1	**8 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Foreign Body																X									**1**
Inflammation		1							2			2			2	3	3		2					2	**18 1.7**
Olfactory Epithelium, Metaplasia															2		2								**2 2.0**
Respiratory Epithelium, Hyperplasia																									**1 2.0**

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DAY ON TEST	072	072	070	061	072	072	069	051	072	068	072	072	072	072	072	050	072	072	059	072	067	068	072	072	
FISCHER 344 RATS MALE	8	8	9	3	8	9	4	1	8	9	8	8	7	8	8	4	8	7	4	7	5	6	7	7	
0.0 G/KG ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	*** TOTALS**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Cornea, Fibrosis																									**1 2.0**
Iris, Synechia																									**1 4.0**
Lens, Cataract																									**2 1.5**
Retina, Degeneration												1													**6 1.5**
Retina, Retinal Detachment																									**1 4.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Accumulation, Hyaline Droplet																									**1 1.0**
Infarct																									**1 2.0**
Mineralization	1			1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1		**38 1.0**
Nephropathy	2	2	2	1	1	2	2	3	1	1	1	1	1	1	2		2	1	1	1	1	1	1	2	**46 1.4**
Cortex, Cyst																									**1 2.0**
Papilla, Necrosis																									**1 4.0**
Pelvis, Inflammation																									**1 3.0**
Ureter																									**1**
Inflammation																									**1 4.0**
Urethra																									**1**
Inflammation																									**1 4.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

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DAY ON TEST	072	072	070	061	072	072	069	051	072	068	072	072	072	072	072	050	072	072	059	072	067	068	072	072	
FISCHER 344 RATS MALE	8	8	9	3	8	9	4	1	8	9	8	8	7	8	8	4	8	7	4	7	5	6	7	7	
0.0 G/KG	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	*** TOTALS**
ANIMAL ID																									
Inflammation																									**2 2.5**
Transitional Epithelium, Hyperplasia																									**1 2.0**

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DAY ON TEST	072	072	072	072	071	072	072	070	072	067	072	072	016	057	072	072	068	072	072	072	067	072	066	072	071
FISCHER 344 RATS MALE	7	7	7	7	4	7	9	9	8	9	8	8	8	1	8	8	9	7	8	8	3	9	6	7	4
0.1 G/KG ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					1																					
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan						X			X																	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis			1																							
Basophilic Focus	X	X	X	X		X	X	X	X		X					X	X	X	X	X			X			
Clear Cell Focus		X	X	X		X	X		X		X	X				X		X				X				
Degeneration, Cystic				1																		1				
Eosinophilic Focus		X	X	X			X													X		X	X	X		
Fatty Change, Diffuse					2					1													1			
Hematopoietic Cell Proliferation								1																	1	
Hepatodiaphragmatic Nodule		X				X			X						X										X	
Inflammation, Chronic Active	1	1	1	1		1	1		1	1	1	1			1	1		1	1	1		1	1		1	
Mixed Cell Focus				X	X	X					X												X			
Necrosis												2														

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FISCHER 344 RATS MALE

0.1 G/KG

DAY ON TEST / ANIMAL ID	0728 00051	0727 00052	0727 00053	0727 00054	0714 00055	0727 00056	0729 00057	0709 00058	0728 00059	0679 00060	0728 00061	0728 00062	0168 00063	0571 00064	0728 00065	0728 00066	0689 00067	0727 00068	0728 00069	0728 00070	0673 00071	0729 00072	0666 00073	0727 00074	0714 00075	**males (cont...)**
Bile Duct, Cyst																		1								
Bile Duct, Hyperplasia	1	2	1	1	3	1	1	1	1	1	1	1			1	1	1	2	1	2	1	2		2	1	
Centrilobular, Fatty Change	2	1				2			1			1							1							
Centrilobular, Necrosis																										
Hepatocyte, Hypertrophy											1															
Oval Cell, Hyperplasia					2																					
Mesentery									+		+				+						+					
Fat, Necrosis									1		2				1						2					
Oral Mucosa																									+	
Hyperplasia, Squamous																									3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		1	1	1			1	1						1	1			1	1							
Basophilic Focus																						X				
Acinus, Hyperplasia				1														1	1			2		1		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																					2					
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					2																					
Mineralization											1															
Epithelium, Hyperplasia					2						1															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					1																					
Epithelium, Necrosis														2												
Tooth																						+			+	

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DAY ON TEST / FISCHER 344 RATS MALE / 0.1 G/KG / ANIMAL ID	0728 0051	0727 0052	0727 0053	0727 0054	0714 0055	0727 0056	0729 0057	0709 0058	0728 0059	0679 0060	0728 0061	0728 0062	0168 0063	0571 0064	0728 0065	0728 0066	0689 0067	0727 0068	0728 0069	0728 0070	0673 0071	0729 0072	0666 0073	0727 0074	0714 0075	males (cont...)
Malformation																						1			1	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	3	2	3	2	2	3	3	2	3	2	2	3	1	1	2	3	1	4	2	3	3	2	4	3		
Atrium, Thrombosis																	1									
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation								2																		
Hypertrophy	2																				1	1				
Necrosis																								1		
Zona Fasciculata, Hyperplasia																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia					1				3	1							3					2		1	1	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																									1	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Hyperplasia			2		1	1				2	2	2					3				1	2	1			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte					2																					

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

DAY ON TEST / FISCHER 344 RATS MALE / 0.1 G/KG / ANIMAL ID	0728 00051	0727 00052	0727 00053	0727 00054	0714 00055	0727 00056	0729 00057	0709 00058	0728 00059	0679 00060	0728 00061	0728 00062	0168 00063	0571 00064	0728 00065	0728 00066	0689 00067	0727 00068	0728 00069	0728 00070	0673 00071	0729 00072	0666 00073	0727 00074	0714 00075	males (cont...)
C-cell, Hyperplasia					3		1		2		1											4				
Follicular Cell, Hyperplasia																										
GENERAL BODY SYSTEM																										
Tissue NOS																										
GENITAL SYSTEM																										
Coagulating Gland												+														
Inflammation												3														
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																				1						
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1			2		2	1	2			2	3		2	2	1		2				1				
Epithelium, Hyperplasia						2											2									
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Interstitial Cell, Hyperplasia				3					2	4					3								2		2	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia		2						3					4	3			3	1			4			3	2	

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DAY ON TEST	072	072	072	072	071	072	072	070	072	072	067	072	072	016	057	072	072	068	072	072	072	067	072	066	072	071	
FISCHER 344 RATS MALE	7	7	7	7	4	7	9	9	8	9	9	8	8	8	1	8	8	9	7	8	8	3	9	6	7	4	
0.1 G/KG																											
ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	**males (cont...)**	
Necrosis																											
Lymph Node					+																						
Mediastinal, Infiltration Cellular, Plasma Cell																											
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Atrophy																					1						
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Amyloid Deposition					2																						
Hematopoietic Cell Proliferation				1				3					2	3				1			2				2		
Pigmentation, Hemosiderin	1	1	1	1	1	1	1		1	1	1	1			1	1		1		1		1	1				
Lymphoid Follicle, Atrophy					3									2													
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Atrophy	4	3	3	4	4	2	4	3	4	3	2	3	2	4	3	3	4	3	3	3	4	4	3	3	4		
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Cyst Epithelial Inclusion												X															
Inflammation						1																					
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

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DAY ON TEST	072	072	072	072	071	072	072	070	072	067	072	072	016	057	072	072	068	072	072	067	072	066	072	071
FISCHER 344 RATS MALE	8	7	7	7	4	7	9	9	8	9	8	8	8	1	8	8	9	7	8	3	9	6	7	4
0.1 G/KG	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	**males (cont...)**
ANIMAL ID																										
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hydrocephalus																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																										
Inflammation, Chronic Active					1										1										1	
Alveolar Epithelium, Hyperplasia				1		1	1			3	2				1					2						
Alveolar Epithelium, Metaplasia, Squamous																2										
Alveolus, Infiltration Cellular, Histiocyte										1														1		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body		X																X								
Inflammation		3			2				1		1					2		2		2	2					
Olfactory Epithelium, Metaplasia																										
Respiratory Epithelium, Hyperplasia			1					2		4																
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Ear																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lens, Cataract																								1		
Retina, Degeneration															1					1				1	1	

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DAY ON TEST	072	072	072	072	071	072	072	070	072	067	072	072	016	057	072	072	068	072	072	072	067	072	066	072	071
FISCHER 344 RATS MALE	8	7	7	7	4	7	9	9	8	9	8	8	8	1	8	8	9	7	8	8	3	9	6	7	4
0.1 G/KG	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	**males (cont...)**
ANIMAL ID																										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1	1	1	1	1	1			1	
Nephropathy	2	3	1	1	1	1	1	2	1	1	2	1		1	2	1	1	3	2	1	1	1	1	1	3	
Pelvis, Dilatation																										
Pelvis, Transitional Epithelium, Hyperplasia																								1		
Ureter																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	0030	0727	0728	0729	0728	0729	0728	0729	0729	0525	0727	0728	0646	0727	0729	0727	0700	0727	0727	0571	0728	0615	0728	0727	0727	
FISCHER 344 RATS MALE																										
0.1 G/KG																										
ANIMAL ID	00076	00077	00078	00079	00080	00081	00082	00083	00084	00085	00086	00087	00088	00089	00090	00091	00092	00093	00094	00095	00096	00097	00098	00099	00100	*** TOTALS**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**1 1.0**
Basophilic Focus		X	X			X	X		X		X		X	X	X	X	X	X			X		X		X	**30**
Clear Cell Focus				X	X		X		X		X		X	X	X	X			X		X		X	X	X	**25**
Degeneration, Cystic								1			1															**4 1.0**
Eosinophilic Focus				X			X	X				X		X	X						X		X	X	X	**18**
Fatty Change, Diffuse		1					1			1														1	1	**8 1.1**
Hematopoietic Cell Proliferation																				1						**3 1.0**
Hepatodiaphragmatic Nodule															X						X					**7**
Inflammation, Chronic Active		1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		2	1		1	1	1	**39 1.0**
Mixed Cell Focus																										**5**
Necrosis															1											**2 1.5**

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FISCHER 344 RATS MALE

0.1 G/KG

DAY ON TEST	0030	0727	0728	0729	0728	0729	0728	0729	0729	0525	0727	0728	0646	0727	0729	0727	0700	0727	0727	0571	0728	0615	0728	0727	0727	*** TOTALS**	
ANIMAL ID	00076	00077	00078	00079	00080	00081	00082	00083	00084	00085	00086	00087	00088	00089	00090	00091	00092	00093	00094	00095	00096	00097	00098	00099	00100		
Bile Duct, Cyst																										**1**	**1.0**
Bile Duct, Hyperplasia		2		1	1	1	1	2			1	1	1	2	2		1	1	1			3	1		1	**39**	**1.3**
Centrilobular, Fatty Change															1											**7**	**1.3**
Centrilobular, Necrosis																			1	3						**2**	**2.0**
Hepatocyte, Hypertrophy																1										**2**	**1.0**
Oval Cell, Hyperplasia																						2				**2**	**2.0**
Mesentery																	+			+		+			+	**8**	
Fat, Necrosis																	1					1			2	**7**	**1.4**
Oral Mucosa																										**1**	
Hyperplasia, Squamous																										**1**	**3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy			1												1			1						1		**13**	**1.0**
Basophilic Focus																										**1**	
Acinus, Hyperplasia		1							1										1						2	**9**	**1.2**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy																										**1**	**2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation					1					1												2				**4**	**1.5**
Mineralization													1													**2**	**1.0**
Epithelium, Hyperplasia										1												2				**4**	**1.5**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation								1														1				**3**	**1.0**
Epithelium, Necrosis																										**1**	**2.0**
Tooth					+	+		+		+																**6**	

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DAY ON TEST / FISCHER 344 RATS MALE / 0.1 G/KG / ANIMAL ID	0030 0076	0727 0777	0728 0778	0729 0779	0728 0800	0729 0801	0728 0802	0729 0803	0729 0804	0525 0805	0727 0806	0728 0807	0646 0808	0727 0809	0729 0900	0727 0901	0700 0902	0727 0903	0727 0904	0571 0905	0728 0906	0615 0907	0728 0908	0727 0909	0727 0100	* TOTALS	
Malformation					1	1		1		1																**6 1.0**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	1	3	2	3	3	3	3	2	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2		**49 2.4**
Atrium, Thrombosis																				2						**2 1.5**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hematopoietic Cell Proliferation																										**1 2.0**
Hypertrophy						1													2							**5 1.4**
Necrosis																										**1 1.0**
Zona Fasciculata, Hyperplasia				1							1		1			1			2				1			**6 1.2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia						2															2	4		1		**11 1.9**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia																					1					**2 1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pars Distalis, Hyperplasia				2			3	1					1			3	2		4	1	1	2				**20 1.9**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Infiltration Cellular, Lymphocyte																										**1 2.0**

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DAY ON TEST / FISCHER 344 RATS MALE / 0.1 G/KG / ANIMAL ID	00300 00076	07227 00077	07288 00078	07299 00079	07288 00080	07299 00081	07288 00082	07299 00083	07299 00084	05255 00085	07277 00086	07288 00087	06466 00088	07277 00089	07299 00090	07277 00091	07000 00092	07277 00093	07277 00094	05711 00095	07288 00096	06155 00097	07288 00098	07277 00099	07277 00100	* TOTALS	
C-cell, Hyperplasia					2									2				1	1		2		3	1		**12**	**1.9**
Follicular Cell, Hyperplasia			2																						1	**2**	**1.5**
GENERAL BODY SYSTEM																											
Tissue NOS										+																**1**	
GENITAL SYSTEM																											
Coagulating Gland																			+							**2**	
Inflammation																			3							**2**	**3.0**
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																		2			1			1		**4**	**1.3**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation						3	1	2		2	3	2		2	1		2	1	3				1			**24**	**1.8**
Epithelium, Hyperplasia							2					3							1	1			2	1		**8**	**1.8**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Interstitial Cell, Hyperplasia						2		2	1	1	2						1		1			2			3	**15**	**2.1**
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hemorrhage																4										**1**	**4.0**
Hyperplasia			3	2				4		3							3			3	2	4				**17**	**2.9**

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2) Mild 4) Marked

DAY ON TEST / FISCHER 344 RATS MALE / 0.1 G/KG / ANIMAL ID	0030 0076	0727 0077	0728 0078	0729 0079	0728 0080	0729 0081	0728 0082	0729 0083	0729 0084	0525 0085	0727 0086	0728 0087	0646 0088	0727 0089	0729 0090	0727 0091	0700 0092	0727 0093	0727 0094	0571 0095	0728 0096	0615 0097	0728 0098	0727 0099	0727 0100	* TOTALS	
Necrosis			1																							**1**	**1.0**
Lymph Node			+																			+				**3**	
Mediastinal, Infiltration Cellular, Plasma Cell			2																							**1**	**2.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy						1																				**2**	**1.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Amyloid Deposition																										**1**	**2.0**
Hematopoietic Cell Proliferation										3							3			2						**10**	**2.2**
Pigmentation, Hemosiderin		1		1	1	1	1				1	1		1	1	1		1	1				1	1	1	**32**	**1.0**
Lymphoid Follicle, Atrophy																										**2**	**2.5**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	**49**	**3.2**
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst Epithelial Inclusion																										**1**	
Inflammation																		1								**2**	**1.0**
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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

FISCHER 344 RATS MALE

0.1 G/KG

DAY ON TEST	0030	0727	0728	0729	0728	0729	0728	0729	0729	0525	0727	0728	0646	0727	0729	0727	0700	0727	0727	0571	0728	0615	0728	0727	0727	
ANIMAL ID	00076	00077	00078	00079	00080	00081	00082	00083	00084	00085	00086	00087	00088	00089	00090	00091	00092	00093	00094	00095	00096	00097	00098	00099	00100	*** TOTALS**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																						1				**1 1.0**
Hydrocephalus																					1					**1 1.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion	2																									**1 2.0**
Inflammation, Chronic Active																										**3 1.0**
Alveolar Epithelium, Hyperplasia					4		1		3					1					1					1		**13 1.7**
Alveolar Epithelium, Metaplasia, Squamous																										**1 2.0**
Alveolus, Infiltration Cellular, Histiocyte								1																		**3 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Foreign Body							X								X											**4**
Inflammation		2					2						2		2					1				1		**14 1.8**
Olfactory Epithelium, Metaplasia							2																			**1 2.0**
Respiratory Epithelium, Hyperplasia																										**3 2.3**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Ear													+										+			**2**
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lens, Cataract																										**1 1.0**
Retina, Degeneration											1													1		**6 1.0**

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FISCHER 344 RATS MALE

0.1 G/KG

DAY ON TEST	0030	0727	0728	0729	0728	0729	0728	0729	0729	0525	0727	0728	0646	0727	0729	0727	0700	0727	0727	0571	0728	0615	0728	0727	0727	
ANIMAL ID	00076	00077	00078	00079	00080	00081	00082	00083	00084	00085	00086	00087	00088	00089	00090	00091	00092	00093	00094	00095	00096	00097	00098	00099	00100	*** TOTALS**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mineralization			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	**43 1.0**
Nephropathy		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	**47 1.2**
Pelvis, Dilatation										2																**1 2.0**
Pelvis, Transitional Epithelium, Hyperplasia																										**1 1.0**
Ureter																			+							**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	072	072	064	063	072	072	072	072	072	072	072	072	072	070	072	072	070	068	072	072	072	072	072	072	072
FISCHER 344 RATS MALE	9	7	4	0	8	7	8	8	9	9	8	8	8	1	8	7	2	9	8	8	9	7	7	8	8
0.3 G/KG ANIMAL ID	001 01	001 02	001 03	001 04	001 05	001 06	001 07	001 08	001 09	001 10	001 11	001 12	001 13	001 14	001 15	001 16	001 17	001 18	001 19	001 20	001 21	001 22	001 23	001 24	001 25	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan				X	X																					
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																								1	1	
Basophilic Focus	X		X					X		X		X		X	X				X		X		X		X	
Clear Cell Focus	X	X				X	X		X		X				X							X	X	X	X	
Degeneration, Cystic																										
Eosinophilic Focus				X	X		X	X	X	X					X	X		X								
Fatty Change, Diffuse	1					1		1					3						1		2					
Hematopoietic Cell Proliferation																										
Hepatodiaphragmatic Nodule														X				X				X				
Inflammation, Chronic Active	1	1			1	1	1			1	1				1	1			1		1	1	1	1	1	
Mixed Cell Focus																X					X					
Pigmentation, Hemosiderin		2												1												
Bile Duct, Hyperplasia	2			2	1	2	2	1	1	1	2		2	1	2			1	1	1	1	1	2	1	1	

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DAY ON TEST / FISCHER 344 RATS MALE / 0.3 G/KG / ANIMAL ID	0729 0101	0727 0102	0664 0103	0630 0104	0728 0105	0727 0106	0728 0107	0728 0108	0729 0109	0729 0110	0728 0111	0728 0112	0728 0113	0701 0114	0728 0115	0727 0116	0702 0117	0689 0118	0728 0119	0728 0120	0729 0121	0727 0122	0727 0123	0728 0124	0728 0125	**males (cont...)**
Centrilobular, Degeneration																										
Centrilobular, Fatty Change										1														1	2	
Hepatocyte, Hyperplasia																	2									
Hepatocyte, Hypertrophy															1										1	
Oval Cell, Hyperplasia																				1						
Mesentery								+														+				
Thrombosis																										
Fat, Necrosis								2														1				
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy				1			1		1					1		1	2		1	1	1	1			1	
Inflammation																	1								1	
Acinus, Hyperplasia		2		3			1				1		3											1		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																										
Inflammation										2			4	4												
Mineralization																										
Ulcer													4	4												
Epithelium, Dysplasia																										
Epithelium, Hyperplasia		1								2			3	3												
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation														2												
Epithelium, Necrosis																										
Tooth							+			+			+												+	

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DAY ON TEST / FISCHER 344 RATS MALE / 0.3 G/KG / ANIMAL ID	0729 0010 01	0727 0010 02	0664 0010 03	0630 0010 04	0728 0010 05	0727 0010 06	0728 0010 07	0728 0010 08	0729 0010 09	0729 0011 10	0728 0011 11	0728 0011 12	0728 0011 13	0701 0011 14	0728 0011 15	0727 0011 16	0702 0011 17	0689 0011 18	0728 0011 19	0728 0012 20	0729 0012 21	0727 0012 22	0727 0012 23	0728 0012 24	0728 0012 25	males (cont...)
Malformation							1			1			1												1	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pulmonary Artery, Inflammation, Chronic Active																										
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	3	2	2	2	2	3	3	2	3	2		2	4	3	2	2	3	2	2	2	3	2	3	1	2	
Mineralization				1																						
Atrium, Thrombosis													1													
Coronary Artery, Degeneration																	1									
Epicardium, Inflammation																	1									
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation												1														
Hypertrophy										1			1											1		
Necrosis																										
Zona Fasciculata, Hyperplasia	1						1											1						1		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia							1							3							1		1			
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	
Hyperplasia														1												

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DAY ON TEST / FISCHER 344 RATS MALE / 0.3 G/KG / ANIMAL ID	0729 0101	0727 0102	0664 0103	0630 0104	0728 0105	0727 0106	0728 0107	0728 0108	0729 0109	0729 0110	0728 0111	0728 0112	0728 0113	0701 0114	0728 0115	0727 0116	0702 0117	0689 0118	0728 0119	0728 0120	0729 0121	0727 0122	0727 0123	0728 0124	0728 0125	males (cont...)
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Pars Distalis, Angiectasis																										
Pars Distalis, Hyperplasia	1		1		1		1		1		2					2				1		1		1		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia											3	1			1			1	1	4	3					
GENERAL BODY SYSTEM																										
Peritoneum				+																						
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			1		2																			2		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																2										
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation						2		2			1	2	2	2			1	2			1				2	
Epithelium, Hyperplasia																		1								
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Interstitial Cell, Hyperplasia				3							4			2								4			2	

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DAY ON TEST	0729	0727	0664	0630	0728	0727	0728	0728	0729	0729	0728	0728	0728	0701	0728	0727	0702	0689	0728	0728	0729	0727	0727	0728	0728	
FISCHER 344 RATS MALE																										
0.3 G/KG																										
ANIMAL ID	00101	00102	00103	00104	00105	00106	00107	00108	00109	00110	00111	00112	00113	00114	00115	00116	00117	00118	00119	00120	00121	00122	00123	00124	00125	**males (cont...)**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia			2						1			2	3	1	2	3	4		1	2	2					
Lymph Node																										
Mediastinal, Ectasia																										
Mediastinal, Infiltration Cellular, Plasma Cell																										
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation			1					1									3									
Pigmentation, Hemosiderin	1	1		1	1	1	1	2	1	1	1		1	1	1			1			1	1	1	1	1	
Lymphoid Follicle, Atrophy				2										4												
Lymphoid Follicle, Hyperplasia																	3									
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	4	4	3	3	3	3	3	4	3	3	3	3	4	4	3	3	4	3	3	3	4	4	4	4	3	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epidermis, Hyperplasia, Basal Cell																										
MUSCULOSKELETAL SYSTEM																										

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DAY ON TEST / FISCHER 344 RATS MALE / 0.3 G/KG / ANIMAL ID	0729 0101	0727 0102	0664 0103	0630 0104	0728 0105	0727 0106	0728 0107	0728 0108	0729 0109	0729 0110	0728 0111	0728 0112	0728 0113	0701 0114	0728 0115	0727 0116	0702 0117	0689 0118	0728 0119	0728 0120	0729 0121	0727 0122	0727 0123	0728 0124	0728 0125	males (cont...)
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle		+																								
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Choroid Plexus, Infiltration Cellular, Lymphocyte												2														
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																										
Inflammation, Chronic Active					1									1			1					1	1			
Thrombosis																										
Alveolar Epithelium, Hyperplasia					1	1		1			1			1	1			2		1		3			2	
Alveolar Epithelium, Hypertrophy														1												
Alveolar Epithelium, Metaplasia														2												
Alveolar Epithelium, Metaplasia, Squamous																										
Alveolus, Infiltration Cellular, Histiocyte					1		1				1			2	1							1	1			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Foreign Body																										
Inflammation				2		1		2		1				1				2								
Olfactory Epithelium, Metaplasia																										
Respiratory Epithelium, Hyperplasia		1																								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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2) Mild 4) Marked

DAY ON TEST	072	072	066	063	072	072	072	072	072	072	072	072	072	072	070	072	072	070	068	072	072	072	072	072	072	
FISCHER 344 RATS MALE	9	7	4	0	8	7	8	8	9	9	8	8	8	8	1	8	7	2	9	8	9	7	7	8	8	
0.3 G/KG	0010	0010	0010	0010	0010	0010	0010	0010	0010	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0011	0012	0012	0012	0012	**males (cont...)**
ANIMAL ID	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
SPECIAL SENSES SYSTEM																										
Ear																				+						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cornea, Inflammation																										
Lens, Cataract																					2					
Retina, Degeneration		1			1			3				2	1				1	1	1						3	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Zymbal's Gland																										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accumulation, Hyaline Droplet								1																		
Infarct												1														
Inflammation, Acute																	2									
Mineralization		1	1	1	1	1	1	1		1		1		1	1	1	1	1		1	1			1	1	
Nephropathy	2	1	1	1	2	2	2	3	1	2		2	3	3	2	2	1	2	2		1	2	1	1	3	
Pelvis, Transitional Epithelium, Hyperplasia																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	072	072	072	072	059	066	070	069	072	072	072	072	068	060	072	061	067	072	072	059	072	072	045	066	072	
ANIMAL ID	0012	0012	0012	0012	0013	0013	0013	0013	0013	0013	0013	0013	0013	0013	0014	0014	0014	0014	0014	0014	0014	0014	0014	0014	0015	*** TOTALS**
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan		X				X								X												**5**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**2 1.0**
Basophilic Focus	X		X	X								X	X						X						X	**18**
Clear Cell Focus	X	X		X				X	X	X	X	X			X			X	X		X	X			X	**25**
Degeneration, Cystic							1							1		2										**3 1.3**
Eosinophilic Focus	X						X									X			X			X				**14**
Fatty Change, Diffuse					2		1				1						4	1						1		**12 1.6**
Hematopoietic Cell Proliferation			2																							**1 2.0**
Hepatodiaphragmatic Nodule															X											**4**
Inflammation, Chronic Active	1	1	1	1	1	1		1		1	1	1				1	1	1	1		1	1			1	**32 1.0**
Mixed Cell Focus					X									X												**4**
Pigmentation, Hemosiderin																										**2 1.5**
Bile Duct, Hyperplasia	1	1		1	2	1	1	2	2	3	2	2		1	1		1	1	1	2	2			1	1	**40 1.4**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	0727	0727	0727	0728	0598	0664	0709	0694	0728	0729	0727	0727	0689	0608	0727	0616	0673	0727	0729	0590	0728	0729	0454	0664	0728	* TOTALS	
ANIMAL ID	00126	00127	00128	00129	00130	00131	00132	00133	00134	00135	00136	00137	00138	00139	00140	00141	00142	00143	00144	00145	00146	00147	00148	00149	00150		
Centrilobular, Degeneration			2																							**1**	**2.0**
Centrilobular, Fatty Change																1										**4**	**1.3**
Hepatocyte, Hyperplasia																										**1**	**2.0**
Hepatocyte, Hypertrophy																										**2**	**1.0**
Oval Cell, Hyperplasia																										**1**	**1.0**
Mesentery	+				+					+							+			+						**7**	
Thrombosis																				3						**1**	**3.0**
Fat, Necrosis	1				2					2							2									**6**	**1.7**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy						1			1		1			2				1	1						4	**18**	**1.3**
Inflammation																										**2**	**1.0**
Acinus, Hyperplasia										1								1						1		**9**	**1.6**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy																	2									**1**	**2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Erosion																2										**1**	**2.0**
Inflammation								3		1			3			3	2			3						**9**	**2.8**
Mineralization								1																		**1**	**1.0**
Ulcer								2					3				3			2						**6**	**3.0**
Epithelium, Dysplasia	1																			1						**2**	**1.0**
Epithelium, Hyperplasia						1		2		4			2			3	3			4						**11**	**2.5**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																				2				1		**3**	**1.7**
Epithelium, Necrosis																	2							2		**2**	**2.0**
Tooth						+		+												+				+	+	**9**	

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FISCHER 344 RATS MALE

0.3 G/KG

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ANIMAL ID	00126	00127	00128	00129	00130	00131	00132	00133	00134	00135	00136	00137	00138	00139	00140	00141	00142	00143	00144	00145	00146	00147	00148	00149	00150	* TOTALS	
Malformation						1		1												1				1	1	**9**	**1.0**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pulmonary Artery, Inflammation, Chronic Active																								2		**1**	**2.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	2	2	1	2	3	2	2	2	2	2	3	3	2	2	2	2		3	2	1	2	3	3	3	2	**48**	**2.3**
Mineralization																										**1**	**1.0**
Atrium, Thrombosis			2																	2						**3**	**1.7**
Coronary Artery, Degeneration																										**1**	**1.0**
Epicardium, Inflammation																										**1**	**1.0**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hematopoietic Cell Proliferation																										**1**	**1.0**
Hypertrophy																										**3**	**1.0**
Necrosis																	1									**1**	**1.0**
Zona Fasciculata, Hyperplasia	1										1		1								1			1		**9**	**1.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia					1	1					1							4		2	3					**10**	**1.8**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia						1										1										**2**	**1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	**48**	
Hyperplasia																										**1**	**1.0**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	072 7	072 7	072 7	072 8	059 8	066 4	070 9	069 4	072 8	072 9	072 7	072 7	068 9	060 8	072 7	061 6	067 3	072 7	072 9	059 0	072 8	072 9	045 4	066 4	072 8	
ANIMAL ID	001 26	001 27	001 28	001 29	001 30	001 31	001 32	001 33	001 34	001 35	001 36	001 37	001 38	001 39	001 40	001 41	001 42	001 43	001 44	001 45	001 46	001 47	001 48	001 49	001 50	*** TOTALS**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																								2		**1 2.0**
Pars Distalis, Angiectasis																					2					**1 2.0**
Pars Distalis, Hyperplasia		2	3			2					1	1	1	1	1				1			2			2	**21 1.4**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia		1		4						1				1	1											**12 1.8**
GENERAL BODY SYSTEM																										
Peritoneum																										**1**
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**3 1.7**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation																										**1 2.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation				2			2	2	2	2	1				2			1			1			4	1	**21 1.8**
Epithelium, Hyperplasia																									1	**2 1.0**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																								2		**1 2.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Interstitial Cell, Hyperplasia						2		1						2	2									2		**10 2.4**

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	072 7	072 7	072 7	072 8	059 8	066 4	070 9	069 4	072 8	072 9	072 7	072 7	068 9	060 8	072 7	061 6	067 3	072 7	072 9	059 0	072 8	072 9	045 4	066 4	072 8	
ANIMAL ID	001 26	001 27	001 28	001 29	001 30	001 31	001 32	001 33	001 34	001 35	001 36	001 37	001 38	001 39	001 40	001 41	001 42	001 43	001 44	001 45	001 46	001 47	001 48	001 49	001 50	*** TOTALS**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia			3		2	3				1		1	3	2	2	2	3			3		1		1		**24 2.1**
Lymph Node														+								+				**2**
Mediastinal, Ectasia														2												**1 2.0**
Mediastinal, Infiltration Cellular, Plasma Cell																						3				**1 3.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hematopoietic Cell Proliferation			2			2							1			2										**7 1.7**
Pigmentation, Hemosiderin	1			1	1		1	2		1	1	1	1	1					1		1	1	1	1	1	**35 1.1**
Lymphoid Follicle, Atrophy																										**2 3.0**
Lymphoid Follicle, Hyperplasia																										**1 3.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy	3	3	3	3	3	3	4	3	4	3	3	3	3	4	3	4		3	3	4	3	3	3	4	3	**49 3.3**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Hyperplasia, Basal Cell																									3	**1 3.0**
MUSCULOSKELETAL SYSTEM																										

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0.3 G/KG

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ANIMAL ID	00126	00127	00128	00129	00130	00131	00132	00133	00134	00135	00136	00137	00138	00139	00140	00141	00142	00143	00144	00145	00146	00147	00148	00149	00150		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Skeletal Muscle																										**1**	
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Necrosis					3													3								**2**	**3.0**
Choroid Plexus, Infiltration Cellular, Lymphocyte																										**1**	**2.0**
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Congestion					3																					**1**	**3.0**
Inflammation, Chronic Active									1		1	1												2		**9**	**1.1**
Thrombosis																				1						**1**	**1.0**
Alveolar Epithelium, Hyperplasia	1	1							1		2		1	2	1		2				1	1				**20**	**1.4**
Alveolar Epithelium, Hypertrophy						2																				**2**	**1.5**
Alveolar Epithelium, Metaplasia																										**1**	**2.0**
Alveolar Epithelium, Metaplasia, Squamous														2												**1**	**2.0**
Alveolus, Infiltration Cellular, Histiocyte				1														1			1	1				**11**	**1.1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Foreign Body																					X					**1**	
Inflammation		2									1	2									2					**10**	**1.6**
Olfactory Epithelium, Metaplasia		1										2									1					**3**	**1.3**
Respiratory Epithelium, Hyperplasia																										**1**	**1.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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FISCHER 344 RATS MALE

0.3 G/KG

DAY ON TEST	072 7	072 7	072 7	072 8	059 8	066 4	070 9	069 4	072 8	072 9	072 7	072 7	068 9	060 8	072 7	061 6	067 3	072 7	072 9	059 0	072 8	072 9	045 4	066 4	072 8	
ANIMAL ID	001 26	001 27	001 28	001 29	001 30	001 31	001 32	001 33	001 34	001 35	001 36	001 37	001 38	001 39	001 40	001 41	001 42	001 43	001 44	001 45	001 46	001 47	001 48	001 49	001 50	* TOTALS
SPECIAL SENSES SYSTEM																										
Ear																										**1**
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cornea, Inflammation														3												**1 3.0**
Lens, Cataract																									2	**2 2.0**
Retina, Degeneration			1																							**10 1.5**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Zymbal's Gland														+												**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Accumulation, Hyaline Droplet																										**1 1.0**
Infarct																										**1 1.0**
Inflammation, Acute																										**1 2.0**
Mineralization	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	**41 1.0**
Nephropathy	2	1	1	2	1	1	2	2	1	1	2	3	1	1	2	1	1	3	2	2	3	2	2	3	2	**48 1.8**
Pelvis, Transitional Epithelium, Hyperplasia				2																						**1 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																								2		**1 2.0**

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DAY ON TEST	072	072	055	058	072	072	062	072	070	044	067	072	064	072	072	072	069	066	072	072	067	072	003	072	072
FISCHER 344 RATS MALE	7	7	6	9	8	9	9	7	9	7	3	8	0	9	9	7	4	5	7	7	9	7	0	7	8
1.0 G/KG																									
ANIMAL ID	00151	00152	00153	00154	00155	00156	00157	00158	00159	00160	00161	00162	00163	00164	00165	00166	00167	00168	00169	00170	00171	00172	00173	00174	00175
males (cont...)																									
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parasite Metazoan	X								X																
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																									
Basophilic Focus									X			X		X						X		X		X	X
Clear Cell Focus		X	X			X						X		X	X										X
Degeneration, Cystic			1						2		1			1			1								
Eosinophilic Focus	X		X		X						X	X	X		X	X			X						
Fatty Change, Diffuse	1						2		1						1										
Fibrosis																									
Hepatodiaphragmatic Nodule							X																		
Inflammation, Chronic Active	1	1	1		1	1	1		1	1		1	1	1	1	1				1		1		1	1
Necrosis																									
Pigmentation, Hemosiderin													1												
Tension Lipidosis				2																					

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

FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0727	0727	0556	0589	0728	0729	0629	0727	0709	0447	0673	0728	0640	0729	0729	0727	0694	0665	0727	0727	0679	0727	0030	0727	0728	
ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5	**males (cont...)**
Bile Duct, Hyperplasia				1		1	1	2	1	1	1	1	1	2	1	1	3	2	2	2					1	
Centrilobular, Fatty Change		1			2	2						2		1		1				2		2			2	
Centrilobular, Necrosis																										
Hepatocyte, Hypertrophy	2			1			2					1	2		1	2				2			1			
Oval Cell, Hyperplasia																			1							
Mesentery						+										+								+		
Fat, Necrosis																2								2		
Oral Mucosa			+																							
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy						1		1	1				1		1		1	4	1	1				1		
Inflammation						2																				
Acinus, Hyperplasia							2																			
Acinus, Metaplasia, Hepatocyte																			2		1	1				
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion											1															
Inflammation				2			3		2		3	2	3		2		2		3		2			3		
Mineralization												2					1									
Ulcer				2			3		2			2	1		1		1		1		1					
Epithelium, Dysplasia																			4							
Epithelium, Hyperplasia				2		2	3		3	2	3	3	4		3	1	2	1	4		2	1		3		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Inflammation																	2									

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2) Mild 4) Marked

DAY ON TEST / FISCHER 344 RATS MALE / 1.0 G/KG / ANIMAL ID	0727 0011 51	0727 0011 52	0556 0011 53	0589 0011 54	0728 0011 55	0729 0011 56	0629 0011 57	0727 0011 58	0709 0011 59	0447 0011 60	0673 0011 61	0728 0011 62	0640 0011 63	0729 0011 64	0729 0011 65	0727 0011 66	0694 0011 67	0665 0011 68	0727 0011 69	0727 0011 70	0679 0011 71	0727 0011 72	0030 0011 73	0727 0011 74	0728 0011 75	**males (cont...)**
Epithelium, Necrosis																	3								
Tooth				+			+				+				+				+						
Malformation				1			1				1				1				1						
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	2	4	2	1	3	2	3	2	2	2	2	3	2	3	3	2	2	1	2	2	3	3		3	2
Inflammation, Suppurative																									
Atrium, Thrombosis																									
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypertrophy	1																								
Necrosis																									
Zona Fasciculata, Hyperplasia				1		1				1	1	1	1											1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hyperplasia		2		2			2				3						2					1			
Thrombosis																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST / FISCHER 344 RATS MALE / 1.0 G/KG / ANIMAL ID	0727 0011 51	0727 0011 52	0556 0011 53	0589 0011 54	0728 0011 55	0729 0011 56	0629 0011 57	0727 0011 58	0709 0011 59	0447 0011 60	0673 0011 61	0728 0011 62	0640 0011 63	0729 0011 64	0729 0011 65	0727 0011 66	0694 0011 67	0665 0011 68	0727 0011 69	0727 0011 70	0679 0011 71	0727 0011 72	0030 0011 73	0727 0011 74	0728 0011 75	**males (cont...)**
Hyperplasia							1		3			1					2		2							
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Hyperplasia									2		3	1				2										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia																1		1								
Follicular Cell, Hyperplasia																										
Follicular Cell, Hypertrophy										1																
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																									4	
Duct, Hyperplasia, Atypical									1																	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Inflammation		1		1			2		3	1			3					2						3		
Epithelium, Hyperplasia																									1	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Inflammation									2																	

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DAY ON TEST / FISCHER 344 RATS MALE / 1.0 G/KG / ANIMAL ID	0727 0011511	0727 0011522	0556 0011533	0589 0011544	0728 0011555	0729 0011566	0629 0011577	0727 0011588	0709 0011599	0447 0011600	0673 0011611	0728 0011622	0640 0011633	0729 0011644	0729 0011655	0727 0011666	0694 0011677	0665 0011688	0727 0011699	0727 0011700	0679 0011711	0727 0011722	0030 0011733	0727 0011744	0728 0011755	**males (cont...)**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst	4																									
Interstitial Cell, Hyperplasia										1			3													
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	2			3		1		3	3		3						4	4	3		4	2				
Necrosis																					2					
Lymph Node								+													+					
Mediastinal, Hyperplasia, Lymphoid																										
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy					2	2	1		3		1															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen																										
Fibrosis											1															
Hematopoietic Cell Proliferation									1	1									2							
Hyperplasia, Histiocytic																			2							
Pigmentation, Hemosiderin		1	1		1	1	1			1	1	1	2	1	1	1						1		1	1	
Thrombosis								2											3							
Lymphoid Follicle, Atrophy																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3	3	3	2	3	3	2	4	3		3	4	3	3	3	4	3	4	3	4	3		3	4	

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X .. Lesion present
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DAY ON TEST	07277	07277	05556	05889	07278	07299	06299	07277	07097	04477	06733	07278	06400	07299	07299	07277	06944	06655	07277	07277	06799	07277	00300	07277	07278	
FISCHER 344 RATS MALE																										
1.0 G/KG																										
ANIMAL ID	00151	00152	00153	00154	00155	00156	00157	00158	00159	00160	00161	00162	00163	00164	00165	00166	00167	00168	00169	00170	00171	00172	00173	00174	00175	**males (cont...)**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion			3																							
Inflammation																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteopetrosis																										
Ligament, Mineralization																										
Skeletal Muscle																					+					
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage										2																
Hydrocephalus											1															
Necrosis											2															
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion																							2			
Foreign Body						X																				
Hemorrhage																			1							
Inflammation, Granulomatous						3		1										1								
Inflammation, Chronic Active														1		1	1									

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DAY ON TEST	072	072	055	058	072	072	062	072	070	044	067	072	064	072	072	072	069	066	072	072	067	072	003	072	072
FISCHER 344 RATS MALE																									
1.0 G/KG																									
ANIMAL ID	00151	00152	00153	00154	00155	00156	00157	00158	00159	00160	00161	00162	00163	00164	00165	00166	00167	00168	00169	00170	00171	00172	00173	00174	00175
males (cont...)																									
Alveolar Epithelium, Hyperplasia		1						1							1		2					1			2
Alveolar Epithelium, Hypertrophy																								1	
Alveolus, Infiltration Cellular, Histiocyte	1					2													3					1	
Arteriole, Hyperplasia																			1						
Serosa, Inflammation, Acute																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Foreign Body											X														
Inflammation					1	1	1			1	2		1		2				1						
Olfactory Epithelium, Metaplasia			1				1																		
Respiratory Epithelium, Hyperplasia				1											1										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Anterior Chamber, Inflammation			2																						
Iris, Inflammation											1														
Retina, Degeneration		1						2			2	2		2		1			1			2		3	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet									1																
Hyperplasia, Oncocytic																			1						
Mineralization	1	1	1	1		1		1						1	1	1	1	1	1	1	1	1		1	1
Nephropathy	3	3	2	4	4	3	4	4	4	2	4	4	3	3	4	2	4	3	4	3	2	3		4	4
Cortex, Cyst												2													

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FISCHER 344 RATS MALE

1.0 G/KG

males (cont...)

DAY ON TEST	07277	07277	05556	05889	07278	07279	06299	07277	07097	04477	06733	07278	06400	07299	07299	07277	06944	06655	07277	07277	06799	07277	00300	07277	07278
ANIMAL ID	00151	00152	00153	00154	00155	00156	00157	00158	00159	00160	00161	00162	00163	00164	00165	00166	00167	00168	00169	00170	00171	00172	00173	00174	00175
Pelvis, Inflammation																									
Pelvis, Transitional Epithelium, Hyperplasia				2			1	1	1		1			1	1		2		1					2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation													2												

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	
ANIMAL ID	00176	00177	00178	00179	00180	00181	00182	00183	00184	00185	00186	00187	00188	00189	00190	00191	00192	00193	00194	00195	00196	00197	00198	00199	00200	*** TOTALS**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis					1																					**1 1.0**
Basophilic Focus		X	X	X		X			X											X						**13**
Clear Cell Focus														X	X					X			X			**11**
Degeneration, Cystic																										**5 1.2**
Eosinophilic Focus	X													X						X					X	**13**
Fatty Change, Diffuse	2								2	2														1		**8 1.5**
Fibrosis																	2									**1 2.0**
Hepatodiaphragmatic Nodule																										**1**
Inflammation, Chronic Active	1	1	1	1	1	1			1		1		1	1		1	4			1	1	1	1		1	**34 1.1**
Necrosis																	3									**1 3.0**
Pigmentation, Hemosiderin																	1									**2 1.0**
Tension Lipidosis																										**1 2.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	
ANIMAL ID	00176	00177	00178	00179	00180	00181	00182	00183	00184	00185	00186	00187	00188	00189	00190	00191	00192	00193	00194	00195	00196	00197	00198	00199	00200	* TOTALS
Bile Duct, Hyperplasia	1	1	1	1	1		2		1	1		2	1	1			3		1	1	1	1			2	**34 1.4**
Centrilobular, Fatty Change		1	2	2	2	2		1						2		1				1	2		2	2		**21 1.7**
Centrilobular, Necrosis										3																**1 3.0**
Hepatocyte, Hypertrophy		1	1	1	1	1		1	2	1				1		2				2		1			2	**22 1.4**
Oval Cell, Hyperplasia																										**1 1.0**
Mesentery												+												+	+	**6**
Fat, Necrosis												1												1	2	**5 1.6**
Oral Mucosa																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy			1	3			1		1					1					2		1			1		**18 1.3**
Inflammation																										**1 2.0**
Acinus, Hyperplasia				2																						**2 2.0**
Acinus, Metaplasia, Hepatocyte												2								1	2					**6 1.5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion												1					1							1		**4 1.0**
Inflammation	1	2					1		3	2		2				1	1		2			1		2		**22 2.0**
Mineralization							2																			**3 1.7**
Ulcer	1	1					2		3																	**13 1.6**
Epithelium, Dysplasia																										**1 4.0**
Epithelium, Hyperplasia	1	3						1	3	4		3				1	1		4				1	1		**27 2.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																							2			**1 2.0**
Inflammation		2								1																**3 1.7**

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DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	
FISCHER 344 RATS MALE																										
1.0 G/KG																										
ANIMAL ID	00176	00177	00178	00179	00180	00181	00182	00183	00184	00185	00186	00187	00188	00189	00190	00191	00192	00193	00194	00195	00196	00197	00198	00199	00200	*** TOTALS**
Epithelium, Necrosis		2																					2			**3 2.3**
Tooth			+		+	+			+			+									+					**11**
Malformation			1		1	1			1			1									2					**11 1.1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mineralization																									1	**1 1.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2	1	2	3	2	2	3	2	2	3	2	2	1	2	2	2				3	3	3	3	2	2	**46 2.3**
Inflammation, Suppurative								2																		**1 2.0**
Atrium, Thrombosis							2																			**1 2.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hypertrophy				1							1															**3 1.0**
Necrosis																								2		**1 2.0**
Zona Fasciculata, Hyperplasia		1		1						2	1					1										**13 1.1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																			3							**1 3.0**
Hyperplasia												1		4			1						1			**10 1.9**
Thrombosis																			2							**1 2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia					4															3	1					**3 2.7**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST / FISCHER 344 RATS MALE / 1.0 G/KG / ANIMAL ID	0729 0017 6	0729 0017 7	0727 0017 8	0728 0017 9	0727 0018 0	0728 0018 1	0689 0018 2	0528 0018 3	0673 0018 4	0670 0018 5	0454 0018 6	0728 0018 7	0451 0018 8	0727 0018 9	0729 0019 0	0729 0019 1	0729 0019 2	0003 0019 3	0728 0019 4	0727 0019 5	0728 0019 6	0729 0019 7	0729 0019 8	0559 0019 9	0729 0020 0	* TOTALS	
Hyperplasia		3			1																		1	2	2	**10**	**1.8**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pars Distalis, Hyperplasia			1					1			1				1								1	1	2	**11**	**1.5**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
C-cell, Hyperplasia						4			1	1					1							1				**7**	**1.4**
Follicular Cell, Hyperplasia																					2					**1**	**2.0**
Follicular Cell, Hypertrophy																										**1**	**1.0**
GENERAL BODY SYSTEM																											
NONE																											
GENITAL SYSTEM																											
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation												2										1				**2**	**1.5**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																								4		**2**	**4.0**
Duct, Hyperplasia, Atypical																										**1**	**1.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy							2																			**1**	**2.0**
Inflammation			2						3	3				2			1		1					1	2	**16**	**1.9**
Epithelium, Hyperplasia															1					1						**3**	**1.0**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy							2																			**1**	**2.0**
Inflammation										2																**2**	**2.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	
ANIMAL ID	00176	00177	00178	00179	00180	00181	00182	00183	00184	00185	00186	00187	00188	00189	00190	00191	00192	00193	00194	00195	00196	00197	00198	00199	00200	* TOTALS
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst																										1 4.0
Interstitial Cell, Hyperplasia											2		4													4 2.5
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia		1		1	1	2	3			2	3	3	2		2	1	3		3	2	2	1	2		3	29 2.4
Necrosis																										1 2.0
Lymph Node												+					+			+						5
Mediastinal, Hyperplasia, Lymphoid																				2						1 2.0
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy																										5 1.8
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Accessory Spleen																			X							1
Fibrosis							2																			2 1.5
Hematopoietic Cell Proliferation											2		2													5 1.6
Hyperplasia, Histiocytic																										1 2.0
Pigmentation, Hemosiderin	1	1	1	1		1	1	2	2	1			1	2	1	1			1		1			1	1	32 1.1
Thrombosis																										2 2.5
Lymphoid Follicle, Atrophy								2																		1 2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3	3			4	2	3	3	3	4	3	46 3.2

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DAY ON TEST / FISCHER 344 RATS MALE / 1.0 G/KG / ANIMAL ID	0729 0017 6	0729 0017 7	0727 0017 8	0728 0017 9	0727 0018 0	0728 0018 1	0689 0018 2	0528 0018 3	0673 0018 4	0670 0018 5	0454 0018 6	0728 0018 7	0451 0018 8	0727 0018 9	0729 0019 0	0729 0019 1	0729 0019 2	0003 0019 3	0728 0019 4	0727 0019 5	0728 0019 6	0729 0019 7	0729 0019 8	0559 0019 9	0729 0020 0	* TOTALS	
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst Epithelial Inclusion																										**1**	**3.0**
Inflammation																							2			**1**	**2.0**
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Osteopetrosis																									2	**1**	**2.0**
Ligament, Mineralization											2															**1**	**2.0**
Skeletal Muscle																										**1**	
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hemorrhage																			2							**2**	**2.0**
Hydrocephalus																										**1**	**1.0**
Necrosis																			1							**2**	**1.5**
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Congestion																										**1**	**2.0**
Foreign Body																										**1**	
Hemorrhage																										**1**	**1.0**
Inflammation, Granulomatous																										**3**	**1.7**
Inflammation, Chronic Active			1	1					1	1				1			1									**9**	**1.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST	0729	0729	0727	0728	0727	0728	0689	0528	0673	0670	0454	0728	0451	0727	0729	0729	0729	0003	0728	0727	0728	0729	0729	0559	0729	* TOTALS	
ANIMAL ID	00176	00177	00178	00179	00180	00181	00182	00183	00184	00185	00186	00187	00188	00189	00190	00191	00192	00193	00194	00195	00196	00197	00198	00199	00200		
Alveolar Epithelium, Hyperplasia	1	1		2							2			1		1				1			1		1	**15**	**1.3**
Alveolar Epithelium, Hypertrophy																										**1**	**1.0**
Alveolus, Infiltration Cellular, Histiocyte							3			1										1		1	1			**9**	**1.6**
Arteriole, Hyperplasia																										**1**	**1.0**
Serosa, Inflammation, Acute								2																		**1**	**2.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Foreign Body																						X				**2**	
Inflammation		2						1	1	2	1						1		2	1		2	1			**18**	**1.3**
Olfactory Epithelium, Metaplasia								2		2												2				**5**	**1.6**
Respiratory Epithelium, Hyperplasia						1															1					**4**	**1.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Anterior Chamber, Inflammation																										**1**	**2.0**
Iris, Inflammation								1																		**2**	**1.0**
Retina, Degeneration		1	2		2					2		1					1			1						**16**	**1.6**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Accumulation, Hyaline Droplet																									1	**2**	**1.0**
Hyperplasia, Oncocytic																										**1**	**1.0**
Mineralization	1	1	1	1	1			1	1	1	1	1	1		1		1			1	1	1	1			**34**	**1.0**
Nephropathy	2	4	3	2	4	4	2	2	4	4	1	4	2	3	1	3	2		4	2	3	3	3	3	4	**48**	**3.1**
Cortex, Cyst																										**1**	**2.0**

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FISCHER 344 RATS MALE

1.0 G/KG

DAY ON TEST / ANIMAL ID	0729 0017 6	0729 0017 7	0727 0017 8	0728 0017 9	0727 0018 0	0728 0018 1	0689 0018 2	0528 0018 3	0673 0018 4	0670 0018 5	0454 0018 6	0728 0018 7	0451 0018 8	0727 0018 9	0729 0019 0	0729 0019 1	0729 0019 2	0003 0019 3	0728 0019 4	0727 0019 5	0728 0019 6	0729 0019 7	0729 0019 8	0559 0019 9	0729 0020 0	*** TOTALS**
Pelvis, Inflammation										1																**1 1.0**
Pelvis, Transitional Epithelium, Hyperplasia		1				1				2		1					1									**15 1.3**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																								3		**2 2.5**

*** END OF MALE DATA ***

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DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
FISCHER 344 RATS FEMALE																										
0.0 G/KG																										
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan																										
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis												2														
Basophilic Focus	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											X	X	
Eosinophilic Focus			X	X	X	X				X	X	X			X	X		X		X		X		X	X	
Fatty Change, Focal																					1					
Fatty Change, Diffuse							2							2										1		
Hematopoietic Cell Proliferation																										
Hepatodiaphragmatic Nodule																			X							
Inflammation, Chronic Active	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1		1	1	
Mixed Cell Focus	X	X	X	X			X			X		X		X						X						
Necrosis												2														
Pigmentation, Hemosiderin												2														

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DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
FISCHER 344 RATS FEMALE																										
0.0 G/KG																										
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
Artery, Necrosis																										
Bile Duct, Hyperplasia			1	1					1	1				1			1									
Hepatocyte, Hypertrophy																			2							
Serosa, Fibrosis																										
Mesentery			+						+					+						+	+			+		
Fat, Necrosis			1						2					2						1	2			1		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		1			1			1	1			1			1		1					1			1	
Basophilic Focus					X																					
Acinus, Hyperplasia																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Atypical																										
Inflammation														1							3	1				
Ulcer																										
Epithelium, Hyperplasia														1							4					
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epithelium, Necrosis																										
Tooth				+	+								+												+	
Malformation				1	1								1												1	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
FISCHER 344 RATS FEMALE																										
0.0 G/KG																										
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
Inflammation																										
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	1	2	2	1	2	2	1	3		1	2	2	2	2	2	2		3	1	2		2		3	2	
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic						2							1													
Hypertrophy															1											
Necrosis					2																					
Zona Fasciculata, Hyperplasia				1	1							1										1		1		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Parathyroid Gland	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis																						2				
Pars Distalis, Hyperplasia								2	1		2										1					
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia						3		1								1		3		1					3	
Follicular Cell, Hyperplasia																			3							
GENERAL BODY SYSTEM																										

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DAY ON TEST	0705	0728	0730	0729	0729	0729	0730	0729	0506	0730	0730	0730	0728	0621	0730	0729	0705	0729	0728	0729	0510	0728	0009	0729	0728	
FISCHER 344 RATS FEMALE																										
0.0 G/KG																										
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation													3													
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst	1	1																	2							
Cyst, Multiple													4													
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Endometrium, Hyperplasia, Cystic													1						1							
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hyperplasia	2					2	1		4				2			1	2		2	1		2		1		
Myelofibrosis									1								2									
Necrosis																										
Lymph Node																					+					
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Inflammation			3			2																				
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.0 G/KG / ANIMAL ID	0705 00201	0728 00202	0730 00203	0729 00204	0729 00205	0729 00206	0730 00207	0729 00208	0506 00209	0730 00210	0730 00211	0730 00212	0728 00213	0621 00214	0730 00215	0729 00216	0705 00217	0729 00218	0728 00219	0729 00220	0510 00221	0728 00222	0009 00223	0729 00224	0728 00225	females (cont...)
Hematopoietic Cell Proliferation	1	1					1								1	1				1		1		1	1	
Hyperplasia, Histiocytic	3																									
Pigmentation, Hemosiderin	1	1	1		1	2	2	1		1	2	1		2	1	1	1	2	1	1		1		1	1	
Lymphoid Follicle, Atrophy																										
Lymphoid Follicle, Necrosis																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3		3		3	3	
Infiltration Cellular, Plasma Cell																										
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteopetrosis																	3									
Skeletal Muscle																						+				
Inflammation																						3				
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE																										
0.0 G/KG																										
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
Atelectasis																							4			
Congestion																										
Inflammation, Chronic Active																				2						
Alveolar Epithelium, Hyperplasia		1		1	1						1						1			1				1		
Alveolar Epithelium, Hypertrophy																										
Alveolar Epithelium, Metaplasia																										
Alveolar Epithelium, Metaplasia, Squamous															2											
Alveolus, Infiltration Cellular, Histiocyte	1										1	1	1			1		1	1					1		
Mediastinum, Foreign Body																										
Mediastinum, Inflammation, Chronic Active																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																									1	
Foreign Body												X														
Inflammation	1											1		1				1	1						1	
Olfactory Epithelium, Metaplasia												1														
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Ear																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cornea, Fibrosis									2																	
Cornea, Inflammation																										
Lens, Cataract				4																						
Retina, Degeneration				4												3										
Retina, Gliosis																										

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FISCHER 344 RATS FEMALE																										
0.0 G/KG																										
ANIMAL ID	00201	00202	00203	00204	00205	00206	00207	00208	00209	00210	00211	00212	00213	00214	00215	00216	00217	00218	00219	00220	00221	00222	00223	00224	00225	**females (cont...)**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infarct															1											
Mineralization	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	
Nephropathy	1		1		1		1	1		1	1	1	1		1		1	1		1	1			1	1	
Cortex, Cyst							2							1												
Medulla, Cyst																										
Pelvis, Inflammation																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	0692	0450	0701	0730	0729	0730	0729	0729	0519	0669	0615	0729	0729	0730	0730	0693	0730	0728	0693	0664	0729	0637	0729	0728	0729	
ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	*** TOTALS**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan					X						X	X														**3**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**1 2.0**
Basophilic Focus		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	**44**
Clear Cell Focus			X	X	X			X						X				X					X	X		**12**
Eosinophilic Focus				X	X	X	X					X	X	X									X		X	**23**
Fatty Change, Focal																										**1 1.0**
Fatty Change, Diffuse		1								1						2			1					1	1	**9 1.3**
Hematopoietic Cell Proliferation											1															**1 1.0**
Hepatodiaphragmatic Nodule						X		X						X					X							**5**
Inflammation, Chronic Active		1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		1	1		1	1	1	1	**43 1.0**
Mixed Cell Focus					X		X	X		X		X												X		**15**
Necrosis	4																									**2 3.0**
Pigmentation, Hemosiderin																										**1 2.0**

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	0692	0450	0701	0730	0729	0730	0729	0729	0519	0669	0615	0729	0729	0730	0730	0693	0730	0728	0693	0664	0729	0637	0729	0728	0729	
ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	* TOTALS
Artery, Necrosis																			2							**1 2.0**
Bile Duct, Hyperplasia									1			1					1	1	1						1	**12 1.0**
Hepatocyte, Hypertrophy			1			2										1								2		**5 1.6**
Serosa, Fibrosis																			3							**1 3.0**
Mesentery	+						+		+															+		**10**
Fat, Necrosis	1						2		2															1		**10 1.5**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy		1													1			1							1	**13 1.0**
Basophilic Focus																										**1**
Acinus, Hyperplasia							1																			**1 1.0**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia, Atypical																					4					**1 4.0**
Inflammation		2							3																	**5 2.0**
Ulcer		3																								**1 3.0**
Epithelium, Hyperplasia		2							3							1										**5 2.2**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epithelium, Necrosis									1																	**1 1.0**
Tooth																									+	**5**
Malformation																									1	**5 1.0**

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.0 G/KG / ANIMAL ID	0692 0026	0450 0027	0701 0028	0730 0029	0729 0030	0730 0031	0729 0032	0729 0033	0519 0034	0669 0035	0615 0036	0729 0037	0729 0038	0730 0039	0730 0040	0693 0041	0730 0042	0728 0043	0693 0044	0664 0045	0729 0046	0637 0047	0729 0048	0728 0049	0729 0050	* TOTALS	
Inflammation													3													**1 3.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2		1	2	2	2	2	1		1	2	2	1	2	2	2	2	2		2		2	2	2	2	**42 1.9**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic			1																							**3 1.3**
Hypertrophy				4																						**2 2.5**
Necrosis	4																									**2 3.0**
Zona Fasciculata, Hyperplasia														1												**6 1.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		2								1										1						**3 1.3**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	1																									**1 1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	M	+	+	+	+	M	**44**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Angiectasis																										**1 2.0**
Pars Distalis, Hyperplasia						1	2	2	1					2			3				2					**11 1.7**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	4				4			1					1			2	1			3	3				1	**15 2.1**
Follicular Cell, Hyperplasia																										**1 3.0**
GENERAL BODY SYSTEM																										

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FISCHER 344 RATS FEMALE

0.0 G/KG

DAY ON TEST	0692	0450	0701	0730	0729	0730	0729	0729	0519	0669	0615	0729	0729	0730	0730	0693	0730	0728	0693	0664	0729	0637	0729	0728	0729	
ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	*** TOTALS**
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 3.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst															4			4		4				2		**7 2.6**
Cyst, Multiple																										**1 4.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Endometrium, Hyperplasia, Cystic	1				1		4																			**5 1.6**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage	3																									**1 3.0**
Hyperplasia		3	4	1			1		3		4	2	2		1	3	2		2	1	3			2		**26 2.1**
Myelofibrosis																										**2 1.5**
Necrosis	3																									**1 3.0**
Lymph Node																										**1**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy																			3							**1 3.0**
Inflammation																										**2 2.5**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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

DAY ON TEST / FISCHER 344 RATS FEMALE / 0.0 G/KG / ANIMAL ID	0692 0226	0450 0227	0701 0228	0730 0229	0729 0230	0730 0231	0729 0232	0729 0233	0519 0234	0669 0235	0615 0236	0729 0237	0729 0238	0730 0239	0693 0240	0730 0241	0693 0242	0728 0243	0693 0244	0664 0245	0729 0246	0637 0247	0729 0248	0728 0249	0729 0250	* TOTALS	
Hematopoietic Cell Proliferation		2	2		1		1	1			4	1						1		1					1	**19**	**1.3**
Hyperplasia, Histiocytic																										**1**	**3.0**
Pigmentation, Hemosiderin	1			1	1	1	1			1		1	1	1	1	2		1		2		2	1	1	1	**37**	**1.2**
Lymphoid Follicle, Atrophy					2																					**1**	**2.0**
Lymphoid Follicle, Necrosis	4																									**1**	**4.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	**48**	**3.0**
Infiltration Cellular, Plasma Cell		2																								**1**	**2.0**
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Osteopetrosis																										**1**	**3.0**
Skeletal Muscle																										**1**	
Inflammation																										**1**	**3.0**
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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DAY ON TEST	069	045	070	073	072	073	072	072	051	066	061	072	072	072	073	073	069	073	072	069	066	072	063	072	072	072	
FISCHER 344 RATS FEMALE	2	0	1	0	9	0	9	9	9	9	5	9	9	9	0	0	3	0	8	3	4	9	7	9	8	9	
0.0 G/KG	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	*** TOTALS**	
ANIMAL ID																											
Atelectasis																										**1**	**4.0**
Congestion	2																									**1**	**2.0**
Inflammation, Chronic Active								1											4					1		**4**	**2.0**
Alveolar Epithelium, Hyperplasia															2			1			1		1			**11**	**1.1**
Alveolar Epithelium, Hypertrophy																							1			**1**	**1.0**
Alveolar Epithelium, Metaplasia																			2							**1**	**2.0**
Alveolar Epithelium, Metaplasia, Squamous																										**1**	**2.0**
Alveolus, Infiltration Cellular, Histiocyte						1				1				1			1									**12**	**1.0**
Mediastinum, Foreign Body		X																								**1**	
Mediastinum, Inflammation, Chronic Active		4																								**1**	**4.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst																										**1**	**1.0**
Foreign Body																							X			**2**	
Inflammation			2																				1			**8**	**1.1**
Olfactory Epithelium, Metaplasia																										**1**	**1.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
SPECIAL SENSES SYSTEM																											
Ear																	+									**1**	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cornea, Fibrosis																										**1**	**2.0**
Cornea, Inflammation							2																			**1**	**2.0**
Lens, Cataract																				3						**2**	**3.5**
Retina, Degeneration						1	1													4						**5**	**2.6**
Retina, Gliosis												2														**1**	**2.0**

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DAY ON TEST	0692	0450	0701	0730	0729	0730	0729	0729	0519	0669	0615	0729	0729	0730	0730	0693	0730	0728	0693	0664	0729	0637	0729	0728	0729	
FISCHER 344 RATS FEMALE																										
0.0 G/KG																										
ANIMAL ID	00226	00227	00228	00229	00230	00231	00232	00233	00234	00235	00236	00237	00238	00239	00240	00241	00242	00243	00244	00245	00246	00247	00248	00249	00250	*** TOTALS**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Infarct														1												**2 1.0**
Mineralization		1	1			1	1	1	1	1	1	1		1	1	1	1		1	1	1	1	1	1	1	**43 1.0**
Nephropathy				1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1			1	1		**34 1.0**
Cortex, Cyst																										**2 1.5**
Medulla, Cyst		1																								**1 1.0**
Pelvis, Inflammation														2												**1 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	07 27	06 39	06 78	07 29	07 29	07 30	07 30	07 30	07 28	07 30	07 30	07 05	06 70	07 29	07 28	07 28	07 29	07 30	07 30	05 58	06 31	07 29	00 51	07 28	07 30	
FISCHER 344 RATS FEMALE																										
0.1 G/KG																										
ANIMAL ID	00 25 1	00 25 2	00 25 3	00 25 4	00 25 5	00 25 6	00 25 7	00 25 8	00 25 9	00 26 0	00 26 1	00 26 2	00 26 3	00 26 4	00 26 5	00 26 6	00 26 7	00 26 8	00 26 9	00 27 0	00 27 1	00 27 2	00 27 3	00 27 4	00 27 5	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																									1	
Inflammation																									2	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan						X																				
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis									2									1								
Basophilic Focus		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			X									X			X				
Eosinophilic Focus		X	X	X		X	X		X	X	X			X		X	X	X				X		X	X	
Fatty Change, Diffuse	2	1								1				2							1					
Hematopoietic Cell Proliferation															1	1	1									
Hepatodiaphragmatic Nodule		X																						X		
Inflammation, Chronic Active		1	1	1		1	1	1	1		1	1		1		1	1	1	1	1		1	1	1	1	
Mixed Cell Focus		X								X						X			X							
Necrosis																										

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	0727	0639	0678	0729	0729	0730	0730	0730	0728	0730	0730	0730	0705	0670	0729	0728	0728	0729	0730	0730	0558	0631	0729	0051	0728	0730	
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275	**females (cont...)**
Bile Duct, Cyst																		1									
Bile Duct, Hyperplasia	3			1					1	1	2	1	2									1					
Centrilobular, Necrosis															3												
Hepatocyte, Hypertrophy										1																	
Oval Cell, Hyperplasia	2																										
Serosa, Fibrosis																											
Mesentery						+			+										+	+							
Fat, Necrosis						1			2										2	1							
Oral Mucosa																										+	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		1							1						1							1			2		
Acinus, Hyperplasia				2																			1				
Acinus, Metaplasia, Hepatocyte																											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																						1					
Inflammation	2	1												1	3							3					
Ulcer	4																										
Epithelium, Hyperplasia	2	2											1	1	4							4					
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	2																					2					
Epithelium, Necrosis																						2					
Tooth			+												+												

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.1 G/KG / ANIMAL ID	0727 00251	0639 00252	0678 00253	0729 00254	0729 00255	0730 00256	0730 00257	0730 00258	0728 00259	0730 00260	0730 00261	0705 00262	0670 00263	0729 00264	0728 00265	0728 00266	0729 00267	0730 00268	0730 00269	0558 00270	0631 00271	0729 00272	0051 00273	0728 00274	0730 00275	**females (cont...)**
Malformation			1												1											
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy		1	1	2	2	2	2	3	2	2	1	2	2	2	1	1	2	2	2	2		2		2	2	
Atrium, Thrombosis																										
Valve, Thrombosis	2																									
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition																				2						
Degeneration, Cystic				1								1				1	2		1							
Hypertrophy			1																							
Zona Fasciculata, Hyperplasia					1		1		1																	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis	1																									
Pars Distalis, Hyperplasia		1			4			2			1		2		2			3				3				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.1 G/KG / ANIMAL ID	0727 00251	0639 00252	0678 00253	0729 00254	0729 00255	0730 00256	0730 00257	0730 00258	0728 00259	0730 00260	0730 00261	0705 00262	0670 00263	0729 00264	0728 00265	0728 00266	0729 00267	0730 00268	0730 00269	0558 00270	0631 00271	0729 00272	0051 00273	0728 00274	0730 00275	females (cont...)
C-cell, Hyperplasia	2			2	1	2				4	3	3		1		1	1		1					1		
Follicular Cell, Hyperplasia			1																							
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia				3															3							
Inflammation									2																	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																1	4							1		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion															4											
Hemorrhage										3												2				
Necrosis															3											
Endometrium, Hyperplasia, Cystic															2	1										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	4	2			3	2		1	1	1			4		3	2		1	1		4					
Myelofibrosis																										
Lymph Node													+								+					
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	

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DAY ON TEST	0727	0639	0678	0729	0729	0730	0730	0730	0728	0730	0730	0705	0670	0729	0728	0728	0729	0730	0730	0558	0631	0729	0051	0728	0730
FISCHER 344 RATS FEMALE																									
0.1 G/KG																									
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275
females (cont...)																									
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																	3								
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis	2																				1				
Hematopoietic Cell Proliferation		1								1	1	1			2	1	1		1					1	
Pigmentation, Hemosiderin		1	1	1		1	1	1	1	1	1	1					2	1	1	1		1		1	1
Lymphoid Follicle, Atrophy																									
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	3	3	3	3	3	3		3	3	3	3			3	4	3	3	3	3	3		3		3	3
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epidermis, Hyperplasia, Basal Cell			2																						
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage			3																						
Necrosis	1												1												
RESPIRATORY SYSTEM																									

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DAY ON TEST	0727	0639	0678	0729	0729	0730	0730	0730	0728	0730	0730	0705	0670	0729	0728	0728	0729	0730	0730	0558	0631	0729	0051	0728	0730
FISCHER 344 RATS FEMALE																									
0.1 G/KG																									
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275
females (cont...)																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atelectasis																									
Inflammation, Chronic Active	2					1																			
Alveolar Epithelium, Hyperplasia		1									1	2	3		1	1						4			
Alveolar Epithelium, Hypertrophy																						2			
Alveolar Epithelium, Metaplasia, Squamous													1												
Alveolus, Infiltration Cellular, Histiocyte				1			1		1						1	1			1	1		1			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lens, Cataract													4												
Retina, Degeneration													4					2							
Retina, Inflammation																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accumulation, Hyaline Droplet																					3				
Glomerulosclerosis																									
Infarct							2							1											
Mineralization	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1		1	
Nephropathy	1	1	1	1	1	1	1	1		1	1			2		1	1		1		1	1			1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
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BLANK .. Not examined microscopically
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1) Minimal 3) Moderate
2) Mild 4) Marked

FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	0727	0639	0678	0729	0729	0730	0730	0730	0728	0730	0730	0705	0670	0729	0728	0728	0729	0730	0730	0558	0631	0729	0051	0728	0730	
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275	**females (cont...)**
Pelvis, Inflammation																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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+ .. Tissue examined microscopically
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2) Mild 4) Marked

DAY ON TEST	072	072	072	072	072	072	072	070	068	061	072	060	000	073	063	073	072	070	072	073	072	063	072	073	072	
FISCHER 344 RATS FEMALE	9	9	8	9	8	9	9	1	8	5	9	5	5	0	2	0	9	5	9	0	8	2	9	0	9	
0.1 G/KG	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	003	
ANIMAL ID	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	*** TOTALS**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 1.0**
Inflammation																										**1 2.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**1**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**2 1.5**
Basophilic Focus	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X	X	**42**
Clear Cell Focus		X		X	X	X					X					X					X			X	X	**14**
Eosinophilic Focus		X	X	X	X	X	X			X	X				X	X	X			X	X		X	X	X	**31**
Fatty Change, Diffuse								2				2		1	1										1	**10 1.4**
Hematopoietic Cell Proliferation																										**3 1.0**
Hepatodiaphragmatic Nodule			X				X										X				X					**6**
Inflammation, Chronic Active	1	1	1	1	1	1	1		1	1	1			1	1	1	1	1	1	1	1		1	1	1	**40 1.0**
Mixed Cell Focus			X	X			X										X				X				X	**10**
Necrosis														1												**1 1.0**

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	0729	0729	0728	0729	0728	0729	0729	0701	0688	0615	0729	0605	0005	0730	0632	0730	0729	0705	0729	0730	0728	0632	0729	0730	0729	
ANIMAL ID	00276	00277	00278	00279	00280	00281	00282	00283	00284	00285	00286	00287	00288	00289	00290	00291	00292	00293	00294	00295	00296	00297	00298	00299	00300	*** TOTALS**
Bile Duct, Cyst																										**1 1.0**
Bile Duct, Hyperplasia				1		1		2	1			2							2		1					**15 1.5**
Centrilobular, Necrosis																										**1 3.0**
Hepatocyte, Hypertrophy														1												**2 1.0**
Oval Cell, Hyperplasia												2														**2 2.0**
Serosa, Fibrosis																	2									**1 2.0**
Mesentery			+			+									+	+	+									**9**
Fat, Necrosis			2			2									3	2	2									**9 1.9**
Oral Mucosa																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy			1	1		2									1							3				**10 1.4**
Acinus, Hyperplasia																			1							**3 1.3**
Acinus, Metaplasia, Hepatocyte											1															**1 1.0**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion																										**1 1.0**
Inflammation									1								1									**7 1.7**
Ulcer																										**1 4.0**
Epithelium, Hyperplasia																										**6 2.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**2 2.0**
Epithelium, Necrosis																										**1 2.0**
Tooth																			+							**3**

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.1 G/KG / ANIMAL ID	0729 0027 6	0729 0027 7	0728 0027 8	0729 0027 9	0728 0028 0	0729 0028 1	0729 0028 2	0701 0028 3	0688 0028 4	0615 0028 5	0729 0028 6	0605 0028 7	0005 0028 8	0730 0028 9	0632 0029 0	0730 0029 1	0729 0029 2	0705 0029 3	0729 0029 4	0730 0029 5	0728 0029 6	0632 0029 7	0729 0029 8	0730 0029 9	0729 0030 0	* TOTALS	
Malformation																			2							**3**	**1.3**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	1	2	1	3	1	2	2	1	2	2	2			2	2	1	3	1	4	2	2	2	2	2	2		**45** **1.9**
Atrium, Thrombosis								2																			**1** **2.0**
Valve, Thrombosis																											**1** **2.0**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Amyloid Deposition																											**1** **2.0**
Degeneration, Cystic																					1						**6** **1.2**
Hypertrophy										1										1							**3** **1.0**
Zona Fasciculata, Hyperplasia						1		1			2																**6** **1.2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Necrosis																						4					**1** **4.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pars Distalis, Angiectasis																											**1** **1.0**
Pars Distalis, Hyperplasia		4		3		2		2			1			2				2			2	2	2	2	1		**20** **2.2**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.1 G/KG / ANIMAL ID	0729 0027 76	0729 0027 77	0728 0027 78	0729 0027 79	0728 0028 00	0729 0028 01	0729 0028 02	0701 0028 03	0688 0028 04	0615 0028 05	0729 0028 06	0605 0028 07	0055 0028 08	0730 0028 09	0632 0029 00	0730 0029 01	0729 0029 02	0705 0029 03	0729 0029 04	0730 0029 05	0728 0029 06	0632 0029 07	0729 0029 08	0730 0029 09	0729 0030 00	* TOTALS	
C-cell, Hyperplasia									3										1			3				**15**	**1.9**
Follicular Cell, Hyperplasia																										**1**	**1.0**
GENERAL BODY SYSTEM																											
NONE																											
GENITAL SYSTEM																											
Clitoral Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Hyperplasia											2															**3**	**2.7**
Inflammation															2											**2**	**2.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst	1				1				4								2			1			3			**9**	**2.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Congestion																										**1**	**4.0**
Hemorrhage																										**2**	**2.5**
Necrosis																										**1**	**3.0**
Endometrium, Hyperplasia, Cystic											1						1								1	**5**	**1.2**
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia				1	1	1		3		3		4			3	1	3	3	2			3	2		2	**27**	**2.3**
Myelofibrosis								2																		**1**	**2.0**
Lymph Node												+														**3**	
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**	

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.1 G/KG / ANIMAL ID	0729 0027 6	0729 0027 7	0728 0027 8	0729 0027 9	0728 0028 0	0729 0028 1	0729 0028 2	0701 0028 3	0688 0028 4	0615 0028 5	0729 0028 6	0605 0028 7	0005 0028 8	0730 0028 9	0632 0029 0	0730 0029 1	0729 0029 2	0705 0029 3	0729 0029 4	0730 0029 5	0728 0029 6	0632 0029 7	0729 0029 8	0730 0029 9	0729 0030 0	* TOTALS	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																											1 3.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Fibrosis												2															3 1.7
Hematopoietic Cell Proliferation		1		1	1					2	1				3		2	1			1						18 1.3
Pigmentation, Hemosiderin	1	1	1	1	1	1	1		2	1	1			1		2	1	1	1	1	1		1	1	1		37 1.1
Lymphoid Follicle, Atrophy									2																		1 2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy	3	3	3	3	3	3	3	3	3	3	3			3	3	3	3	2	3	3	3	3	3	3	4		43 3.0
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Epidermis, Hyperplasia, Basal Cell																											1 2.0
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemorrhage												3															2 3.0
Necrosis												3															3 1.7
RESPIRATORY SYSTEM																											

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DAY ON TEST	072 9	072 9	072 8	072 9	072 8	072 9	072 9	070 1	068 8	061 5	072 9	060 5	000 5	073 0	063 2	073 0	072 9	070 5	072 9	073 0	072 8	063 2	072 9	073 0	072 9	*** TOTALS**	
FISCHER 344 RATS FEMALE																											
0.1 G/KG																											
ANIMAL ID	002 76	002 77	002 78	002 79	002 80	002 81	002 82	002 83	002 84	002 85	002 86	002 87	002 88	002 89	002 90	002 91	002 92	002 93	002 94	002 95	002 96	002 97	002 98	002 99	003 00		
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atelectasis													4													**1**	**4.0**
Inflammation, Chronic Active		1	1									1														**5**	**1.2**
Alveolar Epithelium, Hyperplasia	1	1												1	1			1	3				1			**14**	**1.6**
Alveolar Epithelium, Hypertrophy																										**1**	**2.0**
Alveolar Epithelium, Metaplasia, Squamous		3					1																			**3**	**1.7**
Alveolus, Infiltration Cellular, Histiocyte		1						1		1				1				1	1				1	1	1	**17**	**1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation							1								1											**2**	**1.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Lens, Cataract											2					3										**3**	**3.0**
Retina, Degeneration											3	2				4										**5**	**3.0**
Retina, Inflammation												1														**1**	**1.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Accumulation, Hyaline Droplet																						3				**2**	**3.0**
Glomerulosclerosis																						1				**1**	**1.0**
Infarct																				2						**3**	**1.7**
Mineralization	1	1	1	1		1	1	1	1		1	1		1	1	1	1	1	1	1	1	1	1	1	1	**43**	**1.0**
Nephropathy		1	1	1	1	1	1		1	1	1	1		1		1	1			1	1	1		1	1	**35**	**1.0**

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FISCHER 344 RATS FEMALE

0.1 G/KG

DAY ON TEST	0729	0729	0728	0729	0728	0729	0729	0701	0688	0615	0729	0605	0005	0730	0632	0730	0729	0705	0729	0730	0728	0632	0729	0730	0729	
ANIMAL ID	00276	00277	00278	00279	00280	00281	00282	00283	00284	00285	00286	00287	00288	00289	00290	00291	00292	00293	00294	00295	00296	00297	00298	00299	00300	*** TOTALS**
Pelvis, Inflammation																				1						**1 1.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	0705	0730	0098	0628	0532	0519	0615	0618	0729	0681	0729	0729	0729	0539	0439	0652	0688	0728	0729	0729	0729	0730	0518	0730	0730	
FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation														3												
Perforation														4												
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Necrosis																										
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan			X				X				X			X							X				
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus	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	X								X	X		X		
Eosinophilic Focus					X		X		X		X	X	X				X		X	X	X	X		X		
Fatty Change, Diffuse					1		1					1						2								
Hepatodiaphragmatic Nodule																										
Inflammation, Chronic Active	1	1	1	1	1	1	1	2	1		1		1	1		1	1	1	1	1	1	1			1	
Mixed Cell Focus					X							X	X				X									
Pigmentation, Hemosiderin								1																		

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DAY ON TEST	0705	0730	0098	0628	0532	0519	0615	0618	0729	0681	0729	0729	0729	0539	0439	0652	0688	0728	0729	0729	0729	0730	0518	0730	0730	
FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	**females (cont...)**
Bile Duct, Hyperplasia	3											1					1					1			1	
Hepatocyte, Hypertrophy																										
Oval Cell, Hyperplasia	1																									
Mesentery					+																					
Fat, Necrosis					2																					
Oral Mucosa	+																									
Hyperplasia, Squamous																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy		1				2		4	1		1							1		1		1		1		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																1	1									
Inflammation	2																2	3								
Ulcer																		2								
Epithelium, Hyperplasia	2												1				2	2								
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition																2										
Epithelium, Hyperplasia																										
Tooth	+																									
Malformation	1																									
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.3 G/KG / ANIMAL ID	0705 0030 1	0730 0030 2	0098 0030 3	0628 0030 4	0532 0030 5	0519 0030 6	0615 0030 7	0618 0030 8	0729 0030 9	0681 0031 0	0729 0031 1	0729 0031 2	0729 0031 3	0539 0031 4	0439 0031 5	0652 0031 6	0688 0031 7	0728 0031 8	0729 0031 9	0729 0032 0	0729 0032 1	0730 0032 2	0518 0032 3	0730 0032 4	0730 0032 5	females (cont...)
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	2		1	2	2	2	3	2	2	2	2	2	1		3	2	2	2	2	2	1	2	2	1		
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic																		2				1			1		
Hypertrophy																											
Metaplasia, Osseous																											
Necrosis																											
Zona Fasciculata, Hyperplasia																											
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																											
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	2																										
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst														1													
Pars Distalis, Angiectasis																					2						
Pars Distalis, Hyperplasia										1	2			1	3	2		1				2					
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia		2																									
Follicular Cell, Hyperplasia																					2						
GENERAL BODY SYSTEM																											

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DAY ON TEST	0705	0730	0098	0628	0532	0519	0615	0618	0729	0681	0729	0729	0729	0539	0439	0652	0688	0728	0729	0729	0729	0730	0518	0730	0730	
FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	**females (cont...)**
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia										2									1					2		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst								4			1		4					3								
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Endometrium, Hyperplasia, Adenomatous																					2					
Endometrium, Hyperplasia, Cystic															4				1							
Stroma, Hyperplasia																					3					
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	4						2					1	1					3		1	3		3			
Inflammation, Histiocytic								2																		
Myelofibrosis																										
Lymph Node	+																						+			
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen																										

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.3 G/KG / ANIMAL ID	0705 00301	0730 00302	0098 00303	0628 00304	0532 00305	0519 00306	0615 00307	0618 00308	0729 00309	0681 00310	0729 00311	0729 00312	0729 00313	0539 00314	0439 00315	0652 00316	0688 00317	0728 00318	0729 00319	0729 00320	0729 00321	0730 00322	0518 00323	0730 00324	0730 00325	females (cont...)
Hematopoietic Cell Proliferation		1		1			1	1	1		1	1	1	1						1		1				
Hyperplasia, Histiocytic								3																		
Pigmentation, Hemosiderin		1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2		1	1		1		2	1	
Lymphoid Follicle, Atrophy															2		2									
Thymus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3	3		3	3	3	3	4	3	3	3		3	3 2	4	3	3	4	3	3	3	3	2	3	3	
Inflammation														2												
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Galactocele																										
Hyperplasia																				3						
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epidermis, Hyperkeratosis									2																	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																		+								
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Infiltration Cellular, Mixed Cell																										
Necrosis		2																								

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FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	**females (cont...)**
Peripheral Nerve																										
Spinal Cord																										
Hemorrhage																										
Necrosis																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																	1									
Alveolar Epithelium, Hyperplasia									2				2					1						1	4	
Alveolus, Infiltration Cellular, Histiocyte	1			1						1	1		1						1						1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation				1										3				3			1					
Glands, Dilatation																		3								
Olfactory Epithelium, Metaplasia																		3								
Respiratory Epithelium, Hyperplasia										2																
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peritracheal Tissue, Inflammation														3												
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Synechia	4																									
Cornea, Inflammation	2				4																					
Lens, Cataract																4										
Retina, Degeneration	3															4						2				
Retina, Dysplasia																										

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FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	**females (cont...)**
Retina, Gliosis																										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accumulation, Hyaline Droplet																		2								
Infarct																							3			
Mineralization	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1		1	1	1	
Nephropathy		1			1	1	1	1	1	1	1	1		1			1		1	1	1		1		1	
Papilla, Necrosis																										
Pelvis, Inflammation												1														
Pelvis, Transitional Epithelium, Hyperplasia												1														
Pelvis, Transitional Epithelium, Metaplasia																										
Renal Tubule, Dilatation																										
Renal Tubule, Necrosis															3											
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	0730	0629	0729	0705	0672	0729	0729	0728	0579	0729	0653	0730	0664	0532	0658	0730	0632	0728	0729	0647	0729	0730	0639	0708	0702	
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	*** TOTALS**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 3.0**
Perforation																										**1 4.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation					4																					**1 4.0**
Necrosis					4																					**1 4.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan														X		X								X		**8**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus	X		X			X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	**41**
Clear Cell Focus			X					X		X									X		X					**11**
Eosinophilic Focus			X			X	X			X	X	X			X	X			X	X	X				X	**24**
Fatty Change, Diffuse			1	3	3						1					1							1			**10 1.5**
Hepatodiaphragmatic Nodule											X															**1**
Inflammation, Chronic Active	1		1			1	1	1	1	1	1	1	1			1		1	1	1	1	1		1	1	**38 1.0**
Mixed Cell Focus	X										X										X		X		X	**9**
Pigmentation, Hemosiderin																										**1 1.0**

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FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	*** TOTALS**
Bile Duct, Hyperplasia				2			1				1						1				1					**10 1.3**
Hepatocyte, Hypertrophy																1						1		2		**3 1.3**
Oval Cell, Hyperplasia				1																						**2 1.0**
Mesentery	+							+	+									+				+	+			**7**
Fat, Necrosis	2							2	2									2				1	2			**7 1.9**
Oral Mucosa										+																**2**
Hyperplasia, Squamous										4																**1 4.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy	2				1									1		1	1				1			1		**16 1.3**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion																										**2 1.0**
Inflammation					2				3								1						2			**7 2.1**
Ulcer					2				3																	**3 2.3**
Epithelium, Hyperplasia					2				3								1						1			**8 1.8**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Amyloid Deposition																										**1 2.0**
Epithelium, Hyperplasia																					3					**1 3.0**
Tooth		+			+													+								**4**
Malformation		1			1													1								**4 1.0**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	*** TOTALS**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	1		1		2	3	2	2	2	1	2	2	2		2	2	2	2	2	2	2	2	2	2	2	**45 1.9**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic					4															1				1	1	**7 1.6**
Hypertrophy										2																**1 2.0**
Metaplasia, Osseous																									2	**1 2.0**
Necrosis																							1			**1 1.0**
Zona Fasciculata, Hyperplasia						1		1				2											1			**4 1.3**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																					1					**1 1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia					1			1																		**3 1.3**
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**44**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**1 1.0**
Pars Distalis, Angiectasis																										**1 2.0**
Pars Distalis, Hyperplasia	3	2	2			3	2							4		4				3			2			**16 2.3**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia		3				3	2										3					1				**6 2.3**
Follicular Cell, Hyperplasia					1							4									3					**4 2.5**
GENERAL BODY SYSTEM																										

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FISCHER 344 RATS FEMALE

0.3 G/KG

DAY ON TEST	0730	0629	0729	0705	0672	0729	0729	0728	0579	0729	0653	0730	0664	0532	0658	0730	0632	0728	0729	0647	0729	0730	0639	0708	0702	
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	*** TOTALS**
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia												2									3					**5 2.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst						1											1									**6 2.3**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Endometrium, Hyperplasia, Adenomatous																										**1 2.0**
Endometrium, Hyperplasia, Cystic																		1		4	1				1	**6 2.0**
Stroma, Hyperplasia																										**1 3.0**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	2	4		3	1			1					1				4		1	2			2	2		**19 2.2**
Inflammation, Histiocytic																										**1 2.0**
Myelofibrosis				2																						**1 2.0**
Lymph Node		+																								**3**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy					3																					**1 3.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Accessory Spleen		X																								**1**

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DAY ON TEST	0730	0629	0729	0705	0672	0729	0729	0728	0579	0729	0653	0730	0664	0532	0658	0730	0632	0728	0729	0647	0729	0730	0639	0708	0702	
FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	*** TOTALS**
Hematopoietic Cell Proliferation						1							2	1						1				2	1	**17 1.1**
Hyperplasia, Histiocytic																										**1 3.0**
Pigmentation, Hemosiderin			1	1	1	1	1	1	2	1	1	1	1	1	1	1		1		1	1		2	1	1	**41 1.1**
Lymphoid Follicle, Atrophy					4						1															**4 2.3**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Atrophy	3		3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	2	3	3	**47 3.1**
Inflammation																										**1 2.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Galactocele					4																					**1 4.0**
Hyperplasia																							3			**2 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Hyperkeratosis																										**1 2.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage		1							1																	**2 1.0**
Infiltration Cellular, Mixed Cell																					1					**1 1.0**
Necrosis		2																								**2 2.0**

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FISCHER 344 RATS FEMALE																										
0.3 G/KG																										
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	*** TOTALS**
Peripheral Nerve		+																								**1**
Spinal Cord		+																								**1**
Hemorrhage		3																								**1 3.0**
Necrosis		2																								**1 2.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation, Chronic Active																					1					**2 1.0**
Alveolar Epithelium, Hyperplasia							1																			**6 1.8**
Alveolus, Infiltration Cellular, Histiocyte	1				2			1				1					1									**12 1.1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation								2							1			1	2	1						**9 1.7**
Glands, Dilatation																										**1 3.0**
Olfactory Epithelium, Metaplasia																										**1 3.0**
Respiratory Epithelium, Hyperplasia																										**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Peritracheal Tissue, Inflammation																										**1 3.0**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Synechia																										**1 4.0**
Cornea, Inflammation																										**2 3.0**
Lens, Cataract																										**1 4.0**
Retina, Degeneration				1														2								**5 2.4**
Retina, Dysplasia		2																								**1 2.0**

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DAY ON TEST / FISCHER 344 RATS FEMALE / 0.3 G/KG / ANIMAL ID	0730 0032 6	0629 0032 7	0729 0032 8	0705 0032 9	0672 0033 0	0729 0033 1	0729 0033 2	0728 0033 3	0579 0033 4	0729 0033 5	0653 0033 6	0730 0033 7	0664 0033 8	0532 0033 9	0658 0034 0	0730 0034 1	0632 0034 2	0728 0034 3	0729 0034 4	0647 0034 5	0729 0034 6	0730 0034 7	0639 0034 8	0708 0034 9	0702 0035 0	* TOTALS	
Retina, Gliosis						2												2						2		**3**	**2.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Accumulation, Hyaline Droplet																										**1**	**2.0**
Infarct	2												1									2				**4**	**2.0**
Mineralization	1		1	1	2	1	1		1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	**45**	**1.0**
Nephropathy	1	1	1		3	1	1	1	1		1	1	1		1	1	1	1	1	1	1	1	2		1	**37**	**1.1**
Papilla, Necrosis													1													**1**	**1.0**
Pelvis, Inflammation	2												2			1					1					**5**	**1.4**
Pelvis, Transitional Epithelium, Hyperplasia	2												2								1					**4**	**1.5**
Pelvis, Transitional Epithelium, Metaplasia	2																									**1**	**2.0**
Renal Tubule, Dilatation	2																									**1**	**2.0**
Renal Tubule, Necrosis																										**1**	**3.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
FISCHER 344 RATS FEMALE																										
1.0 G/KG																										
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan						X									X									X		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis		1						1														2				
Basophilic Focus			X		X										X			X		X					X
Clear Cell Focus	X							X				X														
Degeneration, Cystic																			1							
Eosinophilic Focus	X	X		X	X				X		X	X			X			X				X	X	X		
Fatty Change, Diffuse	2	1								1		1							1		1			1		
Hepatodiaphragmatic Nodule																										
Inflammation, Chronic Active	1	1		1	1	1	1	1	1	1	1	1	1		1	1	1				1		1	1	1	
Mixed Cell Focus		X																								
Pigmentation, Hemosiderin																										
Bile Duct, Hyperplasia																						1				
Centrilobular, Fatty Change																										

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DAY ON TEST / FISCHER 344 RATS FEMALE / 1.0 G/KG / ANIMAL ID	0730 00351	0728 00352	0688 00353	0730 00354	0730 00355	0489 00356	0730 00357	0730 00358	0728 00359	0728 00360	0730 00361	0730 00362	0729 00363	0111 00364	0730 00365	0629 00366	0616 00367	0730 00368	0688 00369	0730 00370	0729 00371	0730 00372	0730 00373	0728 00374	0687 00375	females (cont...)
Centrilobular, Necrosis																									
Hepatocyte, Hypertrophy	2	1	3	2	3		2	2	1	2	2	2	2		2			2		2	1		1	1	
Mesentery		+														+	+						+		
Fat, Necrosis		3														2	2						1		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy				2		3	1	1		1	3				1				1			1		3	
Inflammation												1													
Acinus, Metaplasia, Hepatocyte			2															1			1				1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation												1		1							2	2			
Ulcer																					1	2			
Epithelium, Hyperplasia		1						1				1		2							3	3		1	2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tooth																									
Malformation																									
Peridontal Tissue, Inflammation																									
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	1	2	1	2	1	1	2	2	2	1	1	2	2		2	2	2	2	1	2	2	1	1	1	2

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DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
FISCHER 344 RATS FEMALE																										
1.0 G/KG																										
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
Atrium, Thrombosis																			2							
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic												1				2								1		
Hemorrhage																4										
Hypertrophy																			1							
Necrosis																2										
Zona Fasciculata, Hyperplasia				1				1	2		1															
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																			1							
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia								1																		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis									3																	
Pars Distalis, Hyperplasia		2	4	2		1	1	1			1					4				4			2			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia	1																									
Follicle, Cyst																										
Follicular Cell, Hyperplasia			1				1																2			
GENERAL BODY SYSTEM																										
NONE																										

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FISCHER 344 RATS FEMALE																										
1.0 G/KG																										
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst											2														1	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage					3																					
Endometrium, Hyperplasia, Cystic					2							1						1							2	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia			3	2									2		1	1		1	3	1	1	2			1	
Myelofibrosis																										
Lymph Node									+																	
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis																										
Hematopoietic Cell Proliferation									1				1				1									
Pigmentation, Hemosiderin	2	1			1	1	2		2	1	2	2	1	1	1	2	1	1	1	2	1		2	2	2	
Lymphoid Follicle, Atrophy																										
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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

DAY ON TEST / FISCHER 344 RATS FEMALE / 1.0 G/KG / ANIMAL ID	0730 00351	0728 00352	0688 00353	0730 00354	0730 00355	0489 00356	0730 00357	0730 00358	0728 00359	0728 00360	0730 00361	0730 00362	0729 00363	0111 00364	0730 00365	0629 00366	0616 00367	0730 00368	0688 00369	0730 00370	0729 00371	0730 00372	0730 00373	0728 00374	0687 00375	females (cont...)
Atrophy	2	3	3	3		2	3	3	3	3	2	4	3		3	3	3	3	3	3	3	3	3	3	2	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion														2												
Hemorrhage																										
Inflammation, Chronic Active										1		1			1									1		
Alveolar Epithelium, Hyperplasia	1		1					1					1		4											
Alveolus, Infiltration Cellular, Histiocyte	1	1		1		1		1	1		1				1					1						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1			2		1		1							1											
Pleura									+																	
Mesothelium, Hyperplasia									2																	

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DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
FISCHER 344 RATS FEMALE																										
1.0 G/KG																										
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Ear				+																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cornea, Fibrosis																										
Cornea, Inflammation									2																	
Lens, Cataract		1																		4						
Posterior Chamber, Inflammation																				1						
Retina, Degeneration		2							1						1				2	4	2					
Retina, Gliosis																					2					
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Zymbal's Gland																										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accumulation, Hyaline Droplet									3																	
Infarct											2															
Mineralization	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		1	1	1	
Nephropathy	3	1	1	1	1	1	1	1	1	1	1	2	1		1	1		1	2	1	3	2	1	1	1	
Papilla, Necrosis																										
Pelvis, Inflammation											2		2											1		
Pelvis, Transitional Epithelium, Hyperplasia											1		1											1		
Renal Tubule, Necrosis																										

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0730	0728	0688	0730	0730	0489	0730	0730	0728	0728	0730	0730	0729	0111	0730	0629	0616	0730	0688	0730	0729	0730	0730	0728	0687	
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0728	0730	0729	0730	0664	0730	0729	0265	0694	0729	0728	0194	0140	0730	0730	0730	0721	0728	0380	0729	0729	0730	0730	0399	0559	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	*** TOTALS**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan	X																X	X								**6**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**3 1.3**
Basophilic Focus					X	X			X	X				X												**11**
Clear Cell Focus	X	X					X													X		X				**8**
Degeneration, Cystic																										**1 1.0**
Eosinophilic Focus		X		X			X							X	X	X		X		X	X	X	X			**23**
Fatty Change, Diffuse	1									1	1							1								**11 1.1**
Hepatodiaphragmatic Nodule		X					X																			**2**
Inflammation, Chronic Active	1	1		1		1	1		1	1		1		1	1			1		1	1	1	1	1		**35 1.0**
Mixed Cell Focus							X											X								**3**
Pigmentation, Hemosiderin					2																					**1 2.0**
Bile Duct, Hyperplasia			1		1	1	1										1	1	1	1					2	**10 1.1**
Centrilobular, Fatty Change																2				2						**2 2.0**

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1.0 G/KG

DAY ON TEST	0728	0730	0729	0730	0664	0730	0729	0265	0694	0729	0728	0194	0140	0730	0730	0730	0721	0728	0380	0729	0729	0730	0730	0399	0559	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	* TOTALS
Centrilobular, Necrosis									2																	1 2.0
Hepatocyte, Hypertrophy	2	2		2			1		1	2	2			2	3	2		1		1	2	2	2			33 1.8
Mesentery	+			+					+													+	+			9
Fat, Necrosis	2			1					1													1	2			9 1.7
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy		1									1					1		1			1	1			1	17 1.4
Inflammation																										1 1.0
Acinus, Metaplasia, Hepatocyte																										4 1.3
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy										2																1 2.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation			1		3		2			3	2	1	2			1				2						13 1.8
Ulcer					3		1			3	2		4													7 2.3
Epithelium, Hyperplasia					3	2	2			3	2	3			2	1				2	1		2			19 1.9
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Tooth											+			+												2
Malformation											1			3												2 2.0
Peridontal Tissue, Inflammation														3												1 3.0

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiomyopathy	1	2	2	2	2	2	2	1	2	3	2	1		2	2	2	1	2		3	1	2	2	1	2	47 1.7

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DAY ON TEST / FISCHER 344 RATS FEMALE / 1.0 G/KG / ANIMAL ID	0728 0037 76	0730 0037 77	0729 0037 78	0730 0037 79	0664 0038 00	0730 0038 01	0729 0038 02	0265 0038 03	0694 0038 04	0729 0038 85	0728 0038 86	0194 0038 87	0140 0038 88	0730 0038 89	0730 0039 00	0730 0039 01	0721 0039 02	0728 0039 03	0380 0039 04	0729 0039 05	0729 0039 06	0730 0039 97	0730 0039 98	0399 0039 99	0559 0040 00	* TOTALS	
Atrium, Thrombosis																										**1**	**2.0**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Degeneration, Cystic						1											1						1			**6**	**1.2**
Hemorrhage																										**1**	**4.0**
Hypertrophy						1																1				**3**	**1.0**
Necrosis																			2							**2**	**2.0**
Zona Fasciculata, Hyperplasia				1		1				1							1					1				**9**	**1.1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia																										**1**	**1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia																										**1**	**1.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	**47**	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Pars Distalis, Angiectasis		2																								**2**	**2.5**
Pars Distalis, Hyperplasia			2	2		4			2	3	1			1			1	2		1		1	1	2		**23**	**2.0**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
C-cell, Hyperplasia	2										1										1					**4**	**1.3**
Follicle, Cyst									1									2								**2**	**1.5**
Follicular Cell, Hyperplasia															4											**4**	**2.0**
GENERAL BODY SYSTEM																											
NONE																											

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0728	0730	0729	0730	0664	0730	0729	0265	0694	0729	0728	0194	0140	0730	0730	0730	0721	0728	0380	0729	0729	0730	0730	0399	0559	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	*** TOTALS**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**49**
Hyperplasia															1											**1 1.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst					1						1				3											**5 1.6**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 3.0**
Endometrium, Hyperplasia, Cystic			1	1										1		3				2			1			**10 1.5**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia			4		3	2			2	1				1		1	4		2		3	1			3	**23 2.0**
Myelofibrosis																									1	**1 1.0**
Lymph Node			+																							**2**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis					2												3									**2 2.5**
Hematopoietic Cell Proliferation	1								3							1						1				**7 1.3**
Pigmentation, Hemosiderin	1	2		1	1		2	1	1	1	1	1	1	1		1	1	1		1	1	1	1	2	1	**42 1.3**
Lymphoid Follicle, Atrophy													2											2		**2 2.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**48**

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	0728	0730	0729	0730	0664	0730	0729	0265	0694	0729	0728	0194	0140	0730	0730	0730	0721	0728	0380	0729	0729	0730	0730	0399	0559	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	*** TOTALS**
Atrophy	2	3	3	3	3	3	4			3	3	2	1	3	3	3	3	3	3	3	3	3	3		4	**45 2.9**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion																										**1 2.0**
Hemorrhage								1																		**1 1.0**
Inflammation, Chronic Active					1	1																1				**7 1.0**
Alveolar Epithelium, Hyperplasia											2										1					**7 1.6**
Alveolus, Infiltration Cellular, Histiocyte	1	1					1								1		1			1	1					**16 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		2								1													1			**8 1.3**
Pleura																										**1**
Mesothelium, Hyperplasia																										**1 2.0**

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FISCHER 344 RATS FEMALE

1.0 G/KG

DAY ON TEST	072	073	072	073	066	073	072	026	069	072	072	019	014	073	073	073	072	072	038	072	072	073	073	039	055	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	*** TOTALS**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Ear																										**1**
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cornea, Fibrosis																						2				**1 2.0**
Cornea, Inflammation																							2			**2 2.0**
Lens, Cataract																						1				**3 2.0**
Posterior Chamber, Inflammation																										**1 1.0**
Retina, Degeneration			1				1		1							1						3	1			**12 1.7**
Retina, Gliosis																										**1 2.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Zymbal's Gland																					+					**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Accumulation, Hyaline Droplet																										**1 3.0**
Infarct		2													2											**3 2.0**
Mineralization	1	1	1	1	1	1	1	1	1	1	1		2	1	1	1	1	1	1	1	1	1	1	2		**46 1.0**
Nephropathy	1	1	1	1	1	1	1		1	1	1	1		1	1	1		1		1	1	1	1		1	**43 1.2**
Papilla, Necrosis				1																						**1 1.0**
Pelvis, Inflammation															2											**4 1.8**
Pelvis, Transitional Epithelium, Hyperplasia		1													2		1									**6 1.2**
Renal Tubule, Necrosis													2											2		**2 2.0**

* .. 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 FEMALE

1.0 G/KG

DAY ON TEST	0728	0730	0729	0730	0664	0730	0729	0265	0694	0729	0728	0194	0140	0730	0730	0730	0721	0728	0380	0729	0729	0730	0730	0399	0559	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	*** TOTALS**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

*** END OF REPORT ***

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