F_1.Rev.1_R2

C Number:	C97003D
Lock Date:	03/23/2005
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
TDMSE Version:	1.8.0

DAY ON TEST	056 1	072 8	072 8	072 8	072 9	072 8	069 6	067 5	072 9	067 2	060 3	072 8	072 9	072 8	056 6	072 9	072 8	060 5	066 1	055 4	072 8	065 0	072 9	072 9	054 2	
FISCHER 344 RATS MALE ANIMAL ID	000 1	000 2	000 3	000 4	000 5	000 6	000 7	000 8	000 9	001 0	001 1	001 2	001 3	001 4	001 5	001 6	001 7	001 8	001 9	002 0	002 1	002 2	002 3	002 4	002 5	**males (cont...)**
0 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																						2				
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1																									
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Serosa, Cyst, Focal					2																					
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan						1																1				
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																										
Inflammation																										
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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							1								
Fatty Change									1		2								1							

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FISCHER 344 RATS MALE

0 MG/KG

males (cont...)

DAY ON TEST	0561	0728	0728	0728	0729	0728	0696	0675	0729	0672	0603	0728	0729	0728	0566	0729	0728	0605	0661	0554	0728	0650	0729	0729	0542
ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025
Hematopoietic Cell Proliferation											1														
Hepatodiaphragmatic Nodule										2	1														X
Inflammation	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																									
Bile Duct, Hyperplasia		1	1	2	1	1	1	1	2	2	2	2	1	2	1	2	2			1	2	1	2	2	2
Hepatocyte, Hyperplasia		1																							
Hepatocyte, Hypertrophy		1																							
Mesentery				+					+						+			+		+					
Inflammation																									
Necrosis				2					3						3			3		3					
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Acinus, Atrophy			2		2	1		2	2	1	2			2							2				
Duct, Cyst				1			1	2		1															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																		1							
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																				2		1			
Inflammation										3															
Ulcer										3															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																				2					
Erosion										2															

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FISCHER 344 RATS MALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	**males (cont...)**
0 MG/KG																										
Inflammation										2																
Pigmentation																										
Thrombosis																										
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2		2	2	2	2	2	
Atrium, Thrombosis																				2						
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic									1									2								
Hyperplasia		1		1					2							1	1				2					
Hypertrophy									2	2		1				2				2			2			
Vacuolization Cytoplasmic	1	1			1	2			1	2		1		1		1	3	2		2		2			2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	1			1		1			2				2	1	1								2	2		
Hypertrophy		1																								
Mineralization																										
Necrosis																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS MALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
0 MG/KG																										**males (cont...)**
Hyperplasia																					2					
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst			1					1																		
Pars Distalis, Hyperplasia	2	1					2	3				2	2		3				3		2			3		
Pars Distalis, Pigmentation, Hemosiderin		2																								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Mononuclear Cell																										
C-cell, Hyperplasia														1		1		1								
Follicular Cell, Hyperplasia																										

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Duct, Cyst																										
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis																										

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FISCHER 344 RATS MALE ANIMAL ID	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000
0 MG/KG	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
Inflammation	2	1		2	1		2		2	2	2		1	2		2	2	3			2	2		1	2
Epithelium, Hyperplasia			1		2		2		1	2	1		1	1	1									1	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy									3	2						3	3		2						
Interstitial Cell, Hyperplasia	2								1	1					2	2	2	1	1						1

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	4						4	4		4	4				4		3			4				2	
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Plasma Cell	2																								
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	2																								
Hyperplasia, Lymphoid				1																					
Infarct																									

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DAY ON TEST	056	072	072	072	072	072	069	067	072	067	060	072	072	072	056	072	072	060	066	055	072	065	072	072	054	
FISCHER 344 RATS MALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
0 MG/KG																										**males (cont...)**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization																	1									
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation														2												
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Dermis, Inflammation												3														
Epidermis, Hyperplasia												3														
Site Of Application - Epidermis, Hyperplasia		1																								
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage							3																			
Hydrocephalus																										
Cerebrum, Developmental Malformation, Focal																										
Cerebrum, Edema	1																									
Cerebrum, Hemorrhage	1																									

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FISCHER 344 RATS MALE ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025
0 MG/KG																									**males (cont...)**
Peripheral Nerve																									
Spinal Cord																									
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation		2										2					1					3		1	
Alveolar Epithelium, Hyperplasia		1				2		2											4						
Alveolus, Infiltration Cellular, Histiocyte		1				1		1				1		1		1	1								
Serosa, Fibrosis						1																			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			2			2	2			2				1		1						2	2		
Thrombosis																									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																					1				
Infiltration Cellular, Mononuclear Cell														1											
Inflammation																						2			
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract																									
Retina, Atrophy																									

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FISCHER 344 RATS MALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	**males (cont...)**
0 MG/KG																										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Inflammation																										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst			2																							
Mineralization	1	1	1	1		1			1			1	1	1	1	1	1	1	1		1					
Nephropathy	2	2	2	3	3	2	1	2	2	2	1	1	1	2	1	1	2	2	2		2	4	2	2	1	
Transitional Epithelium, Hyperplasia																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Transitional Epithelium, Hyperplasia																										

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DAY ON TEST	0729	0729	0671	0709	0552	0562	0728	0612	0728	0672	0713	0729	0709	0679	0728	0728	0714	0727	0728	0728	0728	0451	0609	0729	0631	
FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 2.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Serosa, Cyst, Focal																										**1 2.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan								X																		**3 1.0**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion														2												**1 2.0**
Inflammation														2												**1 2.0**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus	X	X							X			X			X	X			X		X		X			**24**
Clear Cell Focus		X							X			X				X					X			X		**17**
Degeneration, Cystic	2																	1	1							**6 1.2**
Fatty Change										3				3											3	**6 2.2**

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FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
Hematopoietic Cell Proliferation												1							1				1		1	**5 1.0**
Hepatodiaphragmatic Nodule					X												2						2			**6 1.8**
Inflammation	1	1			1	1			1			1		1				1	1	1	1		1	1	1	**32 1.0**
Mixed Cell Focus	X								X			X									X					**9**
Necrosis				3							1															**2 2.0**
Bile Duct, Hyperplasia	2	1		2	2	2	2	1	2	2		1	3	1	1			2	2	2	1	1	2	1	1	**43 1.6**
Hepatocyte, Hyperplasia																			1							**2 1.0**
Hepatocyte, Hypertrophy																										**1 1.0**
Mesentery										+		+				+			+				+			**10**
Inflammation										2																**1 2.0**
Necrosis												2				2			2				2			**9 2.4**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation													2													**1 2.0**
Acinus, Atrophy												1	2	1	3		1		1						3	**16 1.8**
Duct, Cyst					1									1	2					2					2	**9 1.4**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus																										**1 1.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Edema																										**2 1.5**
Inflammation						3				3				2											2	**5 2.6**
Ulcer						3				3																**3 3.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Edema																										**1 2.0**
Erosion				2							1			2												**4 1.8**

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DAY ON TEST	0729	0729	0671	0709	0552	0562	0728	0612	0728	0672	0713	0729	0709	0679	0728	0728	0714	0727	0728	0728	0728	0451	0609	0729	0631	
FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
Inflammation						2								2											1	**4 1.8**
Pigmentation											1															**1 1.0**
Thrombosis														1												**1 1.0**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	**49**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2	2	1		1	2	2	2		2	3	1	2	2	2	2	2	2	2	2	2		1	2	1	**46 1.9**
Atrium, Thrombosis				3																						**2 2.5**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic									3															3		**4 2.3**
Hyperplasia									2			2													2	**9 1.6**
Hypertrophy						2	2						2					2		1	2					**12 1.8**
Vacuolization Cytoplasmic			3	1	1	2	1		1	3	2		2	2				2		2	2	1	1			**29 1.7**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		2														1			2	2						**13 1.5**
Hypertrophy																										**1 1.0**
Mineralization													1													**1 1.0**
Necrosis													2													**1 2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
Hyperplasia																										**1 2.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst																						1				**3 1.0**
Pars Distalis, Hyperplasia		2		1				2	3								1					2		3		**17 2.2**
Pars Distalis, Pigmentation, Hemosiderin																										**1 2.0**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Infiltration Cellular, Mononuclear Cell															1											**1 1.0**
C-cell, Hyperplasia	1											4	1			1					1		1			**9 1.3**
Follicular Cell, Hyperplasia					3																					**1 3.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation								3																		**1 3.0**
Duct, Cyst						2		4																		**2 3.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis				2																						**1 2.0**

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FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
Inflammation	1	1	3	1	3	2	2	2		3	2	2	1	2	2	2		2	1	2	2	1	3	2	2	**40 1.9**
Epithelium, Hyperplasia	2								1		2				1		2	1	1	1						**18 1.3**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation					3																					**1 3.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy			1											2		3				1	1					**10 2.1**
Interstitial Cell, Hyperplasia													1					1		2	1	1			1	**15 1.3**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia			4	3			4	4			4		4		4	4	4		4			4				**20 3.8**
Lymph Node			+																			+				**6**
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**
Hyperplasia, Plasma Cell																										**1 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hematopoietic Cell Proliferation											3								2							**3 2.3**
Hyperplasia, Lymphoid																			2							**2 1.5**
Infarct																						3				**1 3.0**

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FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	**49**
Mineralization																										**1 1.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation													2							1						**3 1.7**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Dermis, Inflammation																										**1 3.0**
Epidermis, Hyperplasia																										**1 3.0**
Site Of Application - Epidermis, Hyperplasia																										**1 1.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 3.0**
Hydrocephalus						2																				**1 2.0**
Cerebrum, Developmental Malformation, Focal						X																				**1**
Cerebrum, Edema																										**1 1.0**
Cerebrum, Hemorrhage																										**1 1.0**

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FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
Peripheral Nerve			+			+																				**2**
Spinal Cord			+			+																				**2**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	2						1			1	1		1	1			2				1					**13 1.5**
Alveolar Epithelium, Hyperplasia	2																								2	**6 2.2**
Alveolus, Infiltration Cellular, Histiocyte				1	1										1	1		1					1		2	**14 1.1**
Serosa, Fibrosis																										**1 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation														1	2		2	1								**12 1.7**
Thrombosis											3															**1 3.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis																										**1 1.0**
Infiltration Cellular, Mononuclear Cell																										**1 1.0**
Inflammation		1																								**2 1.5**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract													1													**1 1.0**
Retina, Atrophy													1													**1 1.0**

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FISCHER 344 RATS MALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia												1														**1 1.0**
Inflammation						1																				**1 1.0**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**1 2.0**
Mineralization				1			1	1		1	1	1	1	1		1	1		1	1	1	1	1	1	1	**32 1.0**
Nephropathy	2			2	1	3	2	2	1	3	1	2	2	3	3	2	2	2	3	2	3		2	2	3	**46 2.0**
Transitional Epithelium, Hyperplasia							1																			**1 1.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation			2																							**1 2.0**
Transitional Epithelium, Hyperplasia			2																							**1 2.0**

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DAY ON TEST	069	072	038	068	072	057	072	072	054	052	072	072	072	072	072	072	058	072	051	072	050	067	043	060	072	
FISCHER 344 RATS MALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
2 MG/KG																										**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan																							X			
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan			X			X						X									X					
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus		X		X		X	X			X			X	X		X		X							X	
Clear Cell Focus		X						X			X		X	X		X		X		X					X	
Cyst																										
Degeneration, Cystic		1						1																		
Hematopoietic Cell Proliferation			1			1				1										1						
Hepatodiaphragmatic Nodule	X								X																	
Inflammation		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						

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DAY ON TEST	0693	0729	0384	0688	0729	0574	0728	0729	0541	0525	0729	0729	0728	0728	0729	0728	0582	0728	0519	0729	0506	0672	0433	0605	0729
FISCHER 344 RATS MALE ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075
2 MG/KG																									**males (cont...)**
Bile Duct, Hyperplasia	3	2		1	2	1	1	2		1	2	2	2	2	3	1	1	1	1	2	1	1	1	1	1
Hepatocyte, Atypia Cellular		1																							
Hepatocyte, Hypertrophy						2																			
Mesentery																+						+			
Necrosis																3						3			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy				1							3	1				4	1						1		
Duct, Cyst		1					1								1	1		1							
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation									2													3			
Ulcer									3													4			
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	3												1												
Ulcer	3																								
Glands, Hyperplasia													1												
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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FISCHER 344 RATS MALE

2 MG/KG

males (cont...)

DAY ON TEST	0693	0729	0384	0688	0729	0574	0728	0729	0541	0525	0729	0729	0728	0728	0729	0728	0582	0728	0519	0729	0506	0672	0433	0605	0729
ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075
Cardiomyopathy	3	2		2	2	2	3	2		1	2	2	2	2	2	2	1	2	1	2	1	2		1	1

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia														1					1		1				
Hypertrophy							2				1		1	2										1	
Vacuolization Cytoplasmic			2	1		1		1	2		1		2		1	2	1		1					1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1		2	2						1	1	2	1	3										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia											2														
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst															2				3			2			
Pars Distalis, Hyperplasia						1			2	3			3		4				3			2			1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Thrombosis																									
C-cell, Hyperplasia		1					1	1										1	1	1				1	

GENERAL BODY SYSTEM

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FISCHER 344 RATS MALE ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	
2 MG/KG																										**males (cont...)**
NONE																										
GENITAL SYSTEM																										
Coagulating Gland																									+	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																		2								
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation		1		1	2		1	2	2	2	2	2				2	2			2	2		3	3		
Epithelium, Hyperplasia		2			2		2	1	1					1	2		1									
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	3						2																	4		
Interstitial Cell, Hyperplasia	2									2		1				2	1		1		2		2			
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	4		4		4	4			4	4					4			3	3			4	4	4	3	

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DAY ON TEST	0693	0729	0384	0688	0729	0574	0728	0729	0541	0525	0729	0729	0728	0728	0729	0728	0582	0728	0519	0729	0506	0672	0433	0605	0729
FISCHER 344 RATS MALE ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075
2 MG/KG																									**males (cont...)**
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ectasia																									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage	3																						3		
Hyperplasia, Lymphoid																		2							
Infarct									3																
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
INTEGUMENTARY SYSTEM																									
Mammary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia											4														
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hair Follicle, Cyst														X											
Site Of Application - Dermis, Inflammation															1										
Site Of Application - Epidermis, Hyperkeratosis														1	1	1									1
Site Of Application - Epidermis, Hyperplasia												1			1										

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DAY ON TEST	069 3	072 9	038 4	068 8	072 9	057 4	072 8	072 9	054 1	052 5	072 9	072 9	072 8	072 8	072 9	072 8	058 2	072 8	051 9	072 9	050 6	067 2	043 3	060 5	072 9	
FISCHER 344 RATS MALE ANIMAL ID	000 51	000 52	000 53	000 54	000 55	000 56	000 57	000 58	000 59	000 60	000 61	000 62	000 63	000 64	000 65	000 66	000 67	000 68	000 69	000 70	000 71	000 72	000 73	000 74	000 75	**males (cont...)**
2 MG/KG																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage									3																	
Hydrocephalus							2																	1		
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																			1	1						
Thrombosis	1																									
Alveolar Epithelium, Hyperplasia					2					2		2								1				3	3	
Alveolus, Infiltration Cellular, Histiocyte	1				1	1		1		1			1			1	1	1		1					1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					3		2				3	2			3	1	1				1	1				
Thrombosis																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										

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DAY ON TEST	069	072	038	068	072	057	072	072	054	052	072	072	072	072	072	072	058	072	051	072	050	067	043	060	072	
FISCHER 344 RATS MALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
2 MG/KG																										**males (cont...)**
Ear																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cataract	1										2															
Retinal Detachment															3											
Synechia											2		1													
Retina, Atrophy											4				3											
Retina, Dysplasia						1																				
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Inflammation										3																
Zymbal's Gland																										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hydronephrosis												1														
Infarct	3																									
Mineralization	1	1	1	1	1	1		1		1	1		1	1	1	1	1		1	1	1	1		1	1	
Nephropathy	1	1		1	2	1	3	2	1		2	1	2	1	2	2		1	1	2	1	1		1	2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	068	072	072	054	067	072	072	050	072	056	072	072	062	072	048	060	072	072	028	072	055	068	072	072	072	
FISCHER 344 RATS MALE ANIMAL ID	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
2 MG/KG	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100	*** TOTALS**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**1**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan													X	X							X				X	**8**
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	**20**
Clear Cell Focus		X	X			X	X					X	X	X			X	X							X	**19**
Cyst																	1									**1 1.0**
Degeneration, Cystic					1																					**3 1.0**
Hematopoietic Cell Proliferation																							1			**5 1.0**
Hepatodiaphragmatic Nodule		X			X						X							X			X		X			**8**
Inflammation		1	1	1	1	2	1	1	1			1	1	1		1	1	1			1		1	1	1	**34 1.0**
Mixed Cell Focus												X						X								**8**

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FISCHER 344 RATS MALE ANIMAL ID	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	001	
2 MG/KG	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**
Bile Duct, Hyperplasia	1	1	2	2	1		1		1	1	1	2	2	2	1	1	1	2		1	1	2	1	1	2	**45 1.4**
Hepatocyte, Atypia Cellular																										**1 1.0**
Hepatocyte, Hypertrophy																										**1 2.0**
Mesentery								+	+		+					+										**6**
Necrosis								3	3		3					3										**6 3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Atrophy		1		1	2				1	1		2			3	1		2		1	1			1		**18 1.6**
Duct, Cyst					1				2				2					1								**9 1.2**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																			2							**1 2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**2 2.5**
Ulcer																										**2 3.5**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																	1									**3 1.7**
Ulcer																										**1 3.0**
Glands, Hyperplasia																										**1 1.0**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	068	072	072	054	067	072	072	050	072	056	072	072	062	072	048	060	072	072	028	072	055	068	072	072	072	
FISCHER 344 RATS MALE ANIMAL ID	0007	0007	0007	0007	0008	0008	0008	0008	0008	0008	0008	0008	0008	0008	0009	0009	0009	0009	0009	0009	0009	0009	0009	0009	0010	
2 MG/KG	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	*** TOTALS**
Cardiomyopathy	2	2	2	1	3	2	3	1	2	3	2	2	2	2	1	2	2	2		3	1	2	2	2	2	**46 1.9**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia			1		1							1	2													**7 1.1**
Hypertrophy						3			1			1												1		**9 1.4**
Vacuolization Cytoplasmic		1			2		1	1		1				2		1	1		1		1	3		1	1	**25 1.3**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia														2				1		1					2	**12 1.6**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia					1																					**2 1.5**
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	**47**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst																		1								**4 2.0**
Pars Distalis, Hyperplasia		3						1		3		2			1			3						3		**15 2.3**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage										2																**1 2.0**
Thrombosis										1																**1 1.0**
C-cell, Hyperplasia	1	1					2				1		1					1				1	1		1	**16 1.1**
GENERAL BODY SYSTEM																										

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DAY ON TEST	068	072	072	054	067	072	072	050	072	056	072	072	062	072	048	060	072	072	028	072	055	068	072	072	072	
FISCHER 344 RATS MALE ANIMAL ID	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100	*** TOTALS**
2 MG/KG																										
NONE																										
GENITAL SYSTEM																										
Coagulating Gland	+										+															**3**
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																		2								**1 2.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 2.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	2	1	1	2	3	1	1	2	1	1	2	3		2	2	2		1	3	3	2	2			2	**36 1.9**
Epithelium, Hyperplasia		1	2						1	1	1			1	1		1	1					1	1		**19 1.3**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy														2					1					4	4	**7 2.9**
Interstitial Cell, Hyperplasia	1			1	2		1	2		2		2		2			1					2		1		**19 1.6**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	2	1								4	4		3		3				4	3		4	1			**23 3.4**

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FISCHER 344 RATS MALE

2 MG/KG

DAY ON TEST	068	072	072	054	067	072	072	050	072	056	072	072	062	072	048	060	072	072	028	072	055	068	072	072	072	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	* TOTALS
Lymph Node																				+		+				4
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
Ectasia																		2								1 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemorrhage																										2 3.0
Hyperplasia, Lymphoid																										1 2.0
Infarct										3																2 3.0
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	46

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia														3												2 3.5
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hair Follicle, Cyst																										1
Site Of Application - Dermis, Inflammation														1												2 1.0
Site Of Application - Epidermis, Hyperkeratosis	1					1	1		1					1												9 1.0
Site Of Application - Epidermis, Hyperplasia														1							1				1	5 1.0

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DAY ON TEST	068	072	072	054	067	072	072	050	072	056	072	072	062	072	048	060	072	072	028	072	055	068	072	072	072	
FISCHER 344 RATS MALE ANIMAL ID	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100	*** TOTALS**
2 MG/KG																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage											2				2						3					**4 2.5**
Hydrocephalus																										**2 1.5**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation									2														1			**4 1.3**
Thrombosis																										**1 1.0**
Alveolar Epithelium, Hyperplasia										2															4	**8 2.4**
Alveolus, Infiltration Cellular, Histiocyte		1				1	1	1	1		1	1	1	1		1		1	1				1			**24 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		2	1	1	2	3				2	3			3		1					2	2			3	**21 2.0**
Thrombosis															3											**1 3.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										

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

DAY ON TEST	068	072	072	054	067	072	072	050	072	056	072	072	062	072	048	060	072	072	028	072	055	068	072	072	072	
FISCHER 344 RATS MALE ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	*** TOTALS**
2 MG/KG																										
Ear	+										+															**2**
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract																										**2 1.5**
Retinal Detachment																										**1 3.0**
Synechia																										**2 1.5**
Retina, Atrophy																										**2 3.5**
Retina, Dysplasia																										**1 1.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia												1														**1 1.0**
Inflammation																										**1 3.0**
Zymbal's Gland																			+							**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hydronephrosis																									2	**2 1.5**
Infarct																										**1 3.0**
Mineralization	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	2	2	1	1	3	1	1	2	1	3	2	2	2		1	1	2		2	1	2	2	2	2	**44 1.6**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	072	072	072	063	072	069	072	058	064	050	058	072	070	072	069	072	054	061	072	072	071	066	065	066	072	
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	
6 MG/KG	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	**males (cont...)**

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan	X															X										
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan		X		X			X					X														
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	
Clear Cell Focus	X	X			X		X							X					X	X					X	
Degeneration, Cystic					1			1									1									
Eosinophilic Focus																X										
Fatty Change															3											
Hematopoietic Cell Proliferation																		1								
Hepatodiaphragmatic Nodule							X													X						
Inflammation	2	1	1		1		1	1						1	1		1	1	1	1	1			1		

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2) Mild 4) Marked

FISCHER 344 RATS MALE

6 MG/KG

males (cont...)

DAY ON TEST	0728	0728	0728	0631	0729	0691	0728	0584	0645	0503	0582	0729	0702	0728	0699	0729	0545	0612	0728	0729	0717	0665	0653	0666	0724
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025
Mixed Cell Focus		X							X				X						X						
Necrosis																									
Bile Duct, Cyst																									
Bile Duct, Hyperplasia	2	1	2	1	1	2	2	1	2	1	1	1	1	1	1	1		2	2	2	2	2	1	2	
Hepatocyte, Hyperplasia																									
Hepatocyte, Hypertrophy																									
Mesentery							+	+										+					+	+	
Necrosis							3	3										3						3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy		2			2							2		3			3	1					2		
Acinus, Hyperplasia																									
Duct, Cyst									2																
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation															3										
Ulcer						3									4										
Epithelium, Hyperplasia													2		3										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tooth																									+
Peridontal Tissue, Malformation																									X

CARDIOVASCULAR SYSTEM

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DAY ON TEST	072	072	072	063	072	069	072	058	064	050	058	072	070	072	069	072	054	061	072	072	071	066	065	066	072
FISCHER 344 RATS MALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025
6 MG/KG																									**males (cont...)**
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	3	2	3	1	2	2	2	2	2	1		2	2	2	3	3	2	2	2	2	3	2	2	2	2
Atrium, Thrombosis																						3			
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	2						2								2										2
Hypertrophy																						2			
Vacuolization Cytoplasmic	2	2	2		3	2	1				2	2	1	2	2			2	2	1	2			1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				2				1				3		2	2				3	2		2			
Hypertrophy																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia													1												
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																									
Pars Distalis, Hyperplasia		3		2		3		1	1					2		2						1	4		2

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DAY ON TEST	0728	0728	0728	0631	0729	0691	0728	0584	0645	0503	0582	0729	0702	0728	0699	0729	0545	0612	0728	0729	0717	0665	0653	0666	0724
FISCHER 344 RATS MALE ANIMAL ID	0010 1	0010 2	0010 3	0010 4	0010 5	0010 6	0010 7	0010 8	0010 9	0011 0	0011 1	0011 2	0011 3	0011 4	0011 5	0011 6	0011 7	0011 8	0011 9	0012 0	0012 1	0012 2	0012 3	0012 4	0012 5
6 MG/KG																									
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia		1						1				1		1					1	1	1			1	
Follicular Cell, Hyperplasia		1																							
GENERAL BODY SYSTEM																									
Tissue NOS				+																					
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation		1																							
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia														1											
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	2		2		1	2	3	2		2		2	1	2	2	2	2		2	1	2	3	1	3	2
Epithelium, Hyperplasia					1														1						1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy						3																			
Inflammation						2																			
Interstitial Cell, Hyperplasia						2		2		2	2	2					1			1				2	

males (cont...)

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DAY ON TEST	072	072	072	063	072	069	072	058	064	050	058	072	070	072	069	072	054	061	072	072	071	066	065	066	072	
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	
6 MG/KG	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	**males (cont...)**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia		1		4		4		2	3	4	4	3	4			3		3				4	4		3	
Lymph Node						+				+													+			
Mediastinal, Infiltration Cellular, Histiocyte																							4			
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage										4	3															
Hyperplasia, Lymphoid																		3							3	
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
Inflammation							1																			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Site Of Application - Dermis, Inflammation				1			1					1				1										
Site Of Application - Epidermis,	2	1	2	2	2	2	2	1	1	2	1	2	1	2	2	2		1	3		2	2	3	1	3	

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DAY ON TEST	072 8	072 8	072 8	063 1	072 9	069 1	072 8	058 4	064 5	050 3	058 2	072 9	070 2	072 8	069 9	072 9	054 5	061 2	072 8	072 9	071 7	066 5	065 3	066 6	072 4
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001
6 MG/KG	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
males (cont...)																									
Hyperkeratosis																									
Site Of Application - Epidermis, Hyperplasia		1		1	1		1													2	1				1
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage						2					3						3								
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage										2															
Inflammation		1					2	1			2	2	2	1											
Metaplasia, Squamous																						2			
Alveolar Epithelium, Hyperplasia	1		2												1									2	
Alveolus, Infiltration Cellular, Histiocyte	1	2	2	2	1			1		1				1	2			1		1	1			1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis				2																					
Inflammation	2		2	2	2	1						1	3	2		2		1				1		1	1

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DAY ON TEST	072 8	072 8	072 8	063 1	072 9	069 1	072 8	058 4	064 5	050 3	058 2	072 9	070 2	072 8	069 9	072 9	054 5	061 2	072 8	072 9	071 7	066 5	065 3	066 6	072 4
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001
6 MG/KG	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
males (cont...)																									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract											4														
Retina, Atrophy											4														
Retina, Dysplasia																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Zymbal's Gland								+																	
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																					2				3
Hydronephrosis																									
Mineralization	1	1	1		1		1	1	1	1		1	1	1			1			1	1	1	1	1	
Nephropathy	2	2	2		2		3		2			2	2	2	4	1		1	2	2	1	1			1
Transitional Epithelium, Hyperplasia															2										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	0729	0490	0729	0728	0729	0523	0728	0729	0729	0729	0729	0728	0325	0729	0570	0728	0729	0729	0482	0729	0729	0645	0629	0729	0679	
FISCHER 344 RATS MALE ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	*** TOTALS**
6 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan												X		X						X		X		X		**9**
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						**22**
Clear Cell Focus	X		X	X			X		X	X		X		X			X	X						X		**19**
Degeneration, Cystic					2																					**4 1.3**
Eosinophilic Focus																										**1**
Fatty Change																										**1 3.0**
Hematopoietic Cell Proliferation																										**1 1.0**
Hepatodiaphragmatic Nodule				X		X	X						X			X						X			X	**9**
Inflammation	1		1	1	1	1	1		1	1		1		1			1	1	1	1	1	1	2	1		**32 1.1**

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2) Mild 4) Marked

FISCHER 344 RATS MALE

6 MG/KG

DAY ON TEST	0729	0490	0729	0728	0729	0523	0728	0729	0729	0729	0729	0728	0325	0729	0570	0728	0729	0729	0482	0729	0729	0645	0629	0729	0679	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Mixed Cell Focus											X	X														6
Necrosis																							3			1 3.0
Bile Duct, Cyst										1																1 1.0
Bile Duct, Hyperplasia	1	1	1	1	1	1	1		1	2	1	2		2	2	1	2	2	1	2	1	2	2	2	1	46 1.5
Hepatocyte, Hyperplasia												2														1 2.0
Hepatocyte, Hypertrophy												2														1 2.0
Mesentery				+				+		+	+												+			10
Necrosis				3						3	3															7 3.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Acinus, Atrophy	1				1			2			1		2	2						1				2		15 1.8
Acinus, Hyperplasia																	2									1 2.0
Duct, Cyst	1											1		2		2										5 1.6
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation																										1 3.0
Ulcer																										2 3.5
Epithelium, Hyperplasia																										2 2.5
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Tooth																										1
Peridontal Tissue, Malformation																										1

CARDIOVASCULAR SYSTEM

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

DAY ON TEST	0729	0490	0729	0728	0729	0523	0728	0729	0729	0729	0729	0728	0325	0729	0570	0728	0729	0729	0482	0729	0729	0645	0629	0729	0679	
FISCHER 344 RATS MALE ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	*** TOTALS**
6 MG/KG																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2	1	3	2	2	1	2	2	2	2	2	2	2	2	1	3	3	2	1	2	2	2	1	2	1	**49 2.0**
Atrium, Thrombosis																										**1 3.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	2																	1								**6 1.8**
Hypertrophy										1	1				1											**4 1.3**
Vacuolization Cytoplasmic	3	1	1	2	2			2	2		1			2				1					1	2		**28 1.8**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia											1	1				2	1			1		2				**14 1.8**
Hypertrophy			1																							**1 1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	1													2												**3 1.3**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst			2									1														**2 1.5**
Pars Distalis, Hyperplasia		1	3		2		2	1	3			3				3		3								**19 2.2**

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DAY ON TEST	0729	0490	0729	0728	0729	0523	0728	0729	0729	0729	0729	0728	0325	0729	0570	0728	0729	0729	0482	0729	0729	0645	0629	0729	0679	
FISCHER 344 RATS MALE 6 MG/KG ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	*** TOTALS**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	1		2							1				1			1	1						1		**15 1.1**
Follicular Cell, Hyperplasia																										**1 1.0**
GENERAL BODY SYSTEM																										
Tissue NOS																										**1**
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 1.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	3	3	2		2			2	2	2	2	2			1	3	2	2		2	2		2		2	**37 2.0**
Epithelium, Hyperplasia				1			1		1			1		2			2		1		1					**11 1.2**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy	1																						4			**3 2.7**
Inflammation																										**1 2.0**
Interstitial Cell, Hyperplasia	1	2			1											2			2			1	1	1		**16 1.6**

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FISCHER 344 RATS MALE ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	*** TOTALS**
6 MG/KG																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		3		1				4			3				4	4				3			3		4	**23 3.3**
Lymph Node		+														+										**5**
Mediastinal, Infiltration Cellular, Histiocyte																										**1 4.0**
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**
Hemorrhage																										**2 3.5**
Hyperplasia, Lymphoid				1								2														**4 2.3**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation	2																									**2 1.5**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Site Of Application - Dermis, Inflammation				1	1						1			1		1	1							1		**11 1.0**
Site Of Application - Epidermis,	2	1	2	2	3	1	2	2	2	1	2	1		2	2	1	1	2	1	1	1	1	2	2	2	**47 1.7**

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FISCHER 344 RATS MALE ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	*** TOTALS**
6 MG/KG																										
Hyperkeratosis																										
Site Of Application - Epidermis, Hyperplasia			1			1	1																			**10 1.1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage		3				2							3													**6 2.7**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 2.0**
Inflammation												2					1	2								**10 1.6**
Metaplasia, Squamous																										**1 2.0**
Alveolar Epithelium, Hyperplasia			1								3	3								2						**8 1.9**
Alveolus, Infiltration Cellular, Histiocyte	1		1		2		1				1	1			1		2	1		1	1			1		**25 1.2**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis																										**1 2.0**
Inflammation		2	3	3					1			2		3	1	3					1				2	**23 1.8**

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FISCHER 344 RATS MALE 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	
6 MG/KG	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	*** TOTALS**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract																										**1 4.0**
Retina, Atrophy																										**1 4.0**
Retina, Dysplasia																2										**1 2.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																		1								**1 1.0**
Zymbal's Gland																										**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**2 2.5**
Hydronephrosis																		2								**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	**38 1.0**
Nephropathy	1		2	1	2	1	1	2	2	2	2	2		2	1	1	2	1	1	1	1	1		1	2	**39 1.6**
Transitional Epithelium, Hyperplasia																										**1 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	072	072	072	069	065	072	072	072	072	072	072	072	072	063	072	072	072	061	072	072	067	072	072	072	069	
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	
18 MG/KG	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation														1												
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan	X									X																
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan													X		X											
Muscularis, Hypertrophy																		2								
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		
Clear Cell Focus	X								X		X	X				X	X		X	X				X		
Congestion																						2				
Degeneration, Cystic																1										
Fatty Change																			1						1	

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FISCHER 344 RATS MALE
18 MG/KG

DAY ON TEST	0728	0728	0728	0629	0654	0721	0729	0729	0728	0728	0729	0728	0729	0637	0728	0728	0729	0617	0729	0729	0679	0729	0728	0728	0699
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
Hematopoietic Cell Proliferation															1										
Hepatodiaphragmatic Nodule																									
Inflammation	1		2	1			1	1	1	1	1	1	1	1	1	1	1		2	1	1	2		1	1
Mixed Cell Focus							X						X			X									
Necrosis										2															
Bile Duct, Hyperplasia	1	2	2	1	2	2		1	2	1	2	2	2	2	1	1	2	2	2	2	2	1	2	1	2
Mesentery		+		+											+							+			+
Inflammation																									1
Necrosis		3		2											2							2			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy		1				3			1						3			1				2	2	2	
Artery, Inflammation, Chronic Active																			2						
Duct, Cyst				1									2											2	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																									4
Erosion																									4
Inflammation																									3
Ulcer						2								1											
Epithelium, Hyperplasia																									3
Serosa, Inflammation																									2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																									2
Erosion										1				1											

males (cont...)

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DAY ON TEST	0728	0728	0728	0629	0654	0721	0729	0729	0728	0728	0729	0728	0729	0637	0728	0728	0729	0617	0729	0729	0679	0729	0728	0728	0699	
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	
18 MG/KG	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	**males (cont...)**
Inflammation										1															2	
Tooth																							+			
Inflammation																							2			
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	2	2	2	1		3	2	2	2	2	2	3	1	2	2	2	2	2	2	2	2	2	2	2	
Pericardium, Inflammation														1												
Valve, Inflammation																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																										
Atrophy																									3	
Degeneration, Cystic																						2				
Hyperplasia		2	2					2				1			2	2	2	1								
Hypertrophy			2		1		2		1				2						1	1		2		2		
Vacuolization Cytoplasmic		1	1	1	1	2	1	2	1					2	1		1	1			1	2				
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	2	2		1		2		2										1								

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2) Mild 4) Marked

DAY ON TEST	0728	0728	0728	0629	0654	0721	0729	0729	0728	0728	0729	0728	0729	0637	0728	0728	0729	0617	0729	0729	0679	0729	0728	0728	0699
FISCHER 344 RATS MALE ANIMAL ID	001551	001552	001553	001554	001555	001556	001557	001558	001559	001560	001561	001562	001563	001564	001565	001566	001567	001568	001569	001570	001571	001572	001573	001574	001575
18 MG/KG																									**males (cont...)**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia				3																					
Parathyroid Gland	+	+	M	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																1							1		
Pars Distalis, Hyperplasia			2			2		1				2				3		2	3				2	3	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
C-cell, Hyperplasia		1								1	1														
Follicular Cell, Hyperplasia																									

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation										2															
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia			2																						
Inflammation																									

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DAY ON TEST	0728	0728	0728	0629	0654	0721	0729	0729	0728	0728	0729	0728	0729	0637	0728	0728	0729	0617	0729	0729	0679	0729	0728	0728	0699
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001
18 MG/KG	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
males (cont...)																									
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst												1													
Inflammation	1	2	2	3		2		2	2	1	2	2	3	2	2	2	2	1		2	2	2	2	2	3
Epithelium, Hyperplasia		2						1							2		2				2		1		
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia																									
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy		3	1		1	2			1				2									2		2	2
Inflammation																									
Interstitial Cell, Hyperplasia		2		2	1	2			2				2							1	2			1	1
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																	2								
Hyperplasia		4		2	4	4				3								4							
Lymph Node						+					+			+											
Deep Cervical, Ectasia											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
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ectasia																		3							
Hyperplasia, Lymphoid													2												

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DAY ON TEST	0728	0728	0728	0629	0654	0721	0729	0729	0728	0728	0729	0728	0729	0637	0728	0728	0729	0617	0729	0729	0679	0729	0728	0728	0699
FISCHER 344 RATS MALE 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
18 MG/KG																									**males (cont...)**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																		3							
Hemorrhage																		2							
Hyperplasia, Lymphoid											2														
Thymus	M	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																						2			
Inflammation		1											2												
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																								X	
Hair Follicle, Cyst																				X					
Site Of Application - Dermis, Fibrosis	1			1	1								1												
Site Of Application - Dermis, Inflammation	1	1	1	1	1	2		1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	
Site Of Application - Epidermis, Hyperkeratosis	2	3	3	3	3	2	3	2	3	3	3	3	3	2	2	3	3	3	2	2	3	2	3	3	1
Site Of Application - Epidermis, Hyperplasia	1	1	1	2	2	1	2	1	2	1	2	1	2	2	1	2	1	2	2	2	2	2	2	2	1
Site Of Application - Epidermis, Necrosis						1								1											
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteosclerosis			2																						

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DAY ON TEST	728	728	728	629	654	721	729	729	728	728	729	728	729	637	728	728	729	617	729	729	679	729	728	728	699
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001
18 MG/KG	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
males (cont...)																									
Skeletal Muscle																									
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hydrocephalus																									
Infiltration Cellular, Lymphocyte																	1								
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation		3	1									1	1	3								1			
Alveolar Epithelium, Hyperplasia											3						1								
Alveolus, Infiltration Cellular, Histiocyte									1	1	2	1	1				1			1	1	1		1	1
Serosa, Fibrosis														2											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																									
Inflammation	3	2	2	2	2		2				2		2	3		2		2		2		2	2	2	2
Respiratory Epithelium, Hyperplasia											2														
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

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DAY ON TEST	0728	0728	0728	0629	0654	0721	0729	0729	0728	0728	0729	0728	0729	0637	0728	0728	0729	0617	0729	0729	0679	0729	0728	0728	0699
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001
18 MG/KG	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
males (cont...)																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Retina, Atrophy																					2				
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia												1				2									
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst	1																2					1			
Hydronephrosis																									
Mineralization	1			1						1			1	1		1	1	1	1		1		1		1
Necrosis																									
Nephropathy	2	2	1	1	1	1	3	1	1	1	2	2	3	3	2	2	2	2	2	2	2	1	3	2	3
Transitional Epithelium, Hyperplasia																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	0729	0479	0728	0728	0717	0728	0728	0714	0728	0729	0728	0728	0729	0728	0728	0728	0728	0729	0688	0729	0729	0728	0612	0612	0729	
FISCHER 344 RATS MALE ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	*** TOTALS**
18 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan										X																**3**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan										X					X											**4**
Muscularis, Hypertrophy																										**1 2.0**
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	**26**
Clear Cell Focus	X					X	X		X	X			X	X		X	X	X		X					X	**21**
Congestion																										**1 2.0**
Degeneration, Cystic																										**1 1.0**
Fatty Change																										**2 1.0**

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

FISCHER 344 RATS MALE

18 MG/KG

DAY ON TEST	0729	0479	0728	0728	0717	0728	0728	0714	0728	0729	0728	0728	0729	0728	0728	0728	0728	0729	0688	0729	0729	0728	0612	0612	0729	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
Hematopoietic Cell Proliferation																										**1 1.0**
Hepatodiaphragmatic Nodule								X									X		X							**3**
Inflammation			1	1		1	1		1	1	1	2	1	1		1	1	1		1					1	**35 1.1**
Mixed Cell Focus	X		X	X		X	X					X		X											X	**11**
Necrosis																										**1 2.0**
Bile Duct, Hyperplasia	2		2	1	1	2	1	2		2	2	2	2	2	1	1	1	2	2	2	2	2	2		1	**46 1.7**
Mesentery		+			+						+											+				**9**
Inflammation																										**1 1.0**
Necrosis					3						3											3				**7 2.6**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Atrophy	1			2			2		1					2	1	2			3		2	2				**18 1.8**
Artery, Inflammation, Chronic Active																										**1 2.0**
Duct, Cyst										1		1		2							1					**7 1.4**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Edema																										**1 4.0**
Erosion																										**1 4.0**
Inflammation																								2		**2 2.5**
Ulcer																								3		**3 2.0**
Epithelium, Hyperplasia																										**1 3.0**
Serosa, Inflammation																										**1 2.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Edema																										**1 2.0**
Erosion																										**2 1.0**

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DAY ON TEST	0729	0479	0728	0728	0717	0728	0728	0714	0728	0729	0728	0728	0729	0728	0728	0728	0728	0729	0688	0729	0729	0728	0612	0612	0729	
FISCHER 344 RATS MALE ANIMAL ID	0017	0017	0017	0017	0018	0018	0018	0018	0018	0018	0018	0018	0018	0018	0019	0019	0019	0019	0019	0019	0019	0019	0019	0019	0020	
18 MG/KG	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	*** TOTALS**
Inflammation																										**2 1.5**
Tooth																										**1**
Inflammation																										**1 2.0**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2				2	2	2	1	1	2	2	2	2	1	2	1	2	2	1	2	2	2	2	2	1	**46 1.9**
Pericardium, Inflammation																										**1 1.0**
Valve, Inflammation												2														**1 2.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis	2																									**1 2.0**
Atrophy																										**1 3.0**
Degeneration, Cystic																										**1 2.0**
Hyperplasia											1		2		2	2		2	1							**14 1.7**
Hypertrophy					2					2	1			1							1					**14 1.5**
Vacuolization Cytoplasmic					2	2	1			1		1			1			2	2		2		1	1	1	**26 1.3**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	2				3	1		2			1				2				1							**13 1.7**

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FISCHER 344 RATS MALE

18 MG/KG

DAY ON TEST	0729	0479	0728	0728	0717	0728	0728	0714	0728	0729	0728	0728	0729	0728	0728	0728	0728	0729	0688	0729	0729	0728	0612	0612	0729	
ANIMAL ID	0016	0017	0018	0019	0018	0018	0018	0018	0018	0018	0018	0018	0018	0018	0019	0019	0019	0019	0019	0019	0019	0019	0019	0019	0020	* TOTALS
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia										3		3														3 3.0
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperplasia					3																					1 3.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pars Distalis, Cyst																				1						3 1.0
Pars Distalis, Hyperplasia						2	2	3			2						3			1			3			16 2.3
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation																		1								1 1.0
C-cell, Hyperplasia					1							1		1	1	1	1	1	1	1	1					13 1.0
Follicular Cell, Hyperplasia				1																						1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation																										1 2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																										1 2.0
Inflammation														2												1 2.0

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DAY ON TEST	0729	0479	0728	0728	0717	0728	0728	0714	0728	0729	0728	0728	0729	0728	0728	0728	0728	0729	0688	0729	0729	0728	0612	0612	0729	
FISCHER 344 RATS MALE ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	*** TOTALS**
18 MG/KG																										
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**1 1.0**
Inflammation	2			1	3	2	2	1	1	1		2			3	3	1	1	3		2			2	2	**39 1.9**
Epithelium, Hyperplasia			1		1		1	1	1				1			2	1	1		2	1	2		1		**19 1.4**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epithelium, Hyperplasia										1																**1 1.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy				4	2									3								4			3	**14 2.3**
Inflammation																									1	**1 1.0**
Interstitial Cell, Hyperplasia		1			1					1	2				2				1		2	2	1		2	**20 1.6**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 2.0**
Hyperplasia		3			2			4	2			3			4				3	3	4	4	4	4		**18 3.4**
Lymph Node					+																+		+			**6**
Deep Cervical, Ectasia																										**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**
Ectasia																										**1 3.0**
Hyperplasia, Lymphoid																										**1 2.0**

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

DAY ON TEST	0729	0479	0728	0728	0717	0728	0728	0714	0728	0729	0728	0728	0729	0728	0728	0728	0728	0729	0688	0729	0729	0728	0612	0612	0729	
FISCHER 344 RATS MALE ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	*** TOTALS**
18 MG/KG																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis																										**1 3.0**
Hemorrhage																										**1 2.0**
Hyperplasia, Lymphoid																										**1 2.0**
Thymus	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**44**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**1 2.0**
Inflammation																										**2 1.5**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**1**
Hair Follicle, Cyst																										**1**
Site Of Application - Dermis, Fibrosis																										**4 1.0**
Site Of Application - Dermis, Inflammation	1	2	1	1	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	1		2	**45 1.1**
Site Of Application - Epidermis, Hyperkeratosis	3	1	3	2	3	2	4	3	2	3	1	4	2	1	1	2	3	3	2	2	2	3	2	2	3	**50 2.5**
Site Of Application - Epidermis, Hyperplasia	2	2	2	1	2	2	2	2	1	2	1	2	2	1	1	2	2	2	2	2	1	1	2	1	2	**50 1.6**
Site Of Application - Epidermis, Necrosis		1																								**3 1.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Osteosclerosis																										**1 2.0**

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

DAY ON TEST	729	479	728	728	717	728	728	714	728	729	728	728	729	728	728	728	728	729	688	729	729	728	612	612	729	
FISCHER 344 RATS MALE ANIMAL ID	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	002	
18 MG/KG	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**
Skeletal Muscle		+																								**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																					2					**1 2.0**
Hydrocephalus					2																					**1 2.0**
Infiltration Cellular, Lymphocyte																										**1 1.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation						1						1	1	1		1								1	2	**13 1.4**
Alveolar Epithelium, Hyperplasia	3		2	1																						**5 2.0**
Alveolus, Infiltration Cellular, Histiocyte	2			1		1						1		1			1	1	1							**19 1.1**
Serosa, Fibrosis																										**1 2.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis							2																			**1 2.0**
Inflammation							2	1		1	1				2	1			2	2					2	**25 1.9**
Respiratory Epithelium, Hyperplasia																										**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										

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DAY ON TEST	0729	0479	0728	0728	0717	0728	0728	0714	0728	0729	0728	0728	0729	0728	0728	0728	0728	0729	0688	0729	0729	0728	0612	0612	0729	
FISCHER 344 RATS MALE ANIMAL ID	0017	0017	0017	0017	0018	0018	0018	0018	0018	0018	0018	0018	0018	0018	0019	0019	0019	0019	0019	0019	0019	0019	0019	0019	0020	*** TOTALS**
18 MG/KG	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	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Retina, Atrophy						1																				**2 1.5**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**2 1.5**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst														3												**4 1.8**
Hydronephrosis						2																				**1 2.0**
Mineralization	1	1			1						1	2	1	1		1			1	1		1	1	1	1	**26 1.0**
Necrosis																					2					**1 2.0**
Nephropathy	3		1	1	2	1	1	1	2	2	1	2	1	2	1	1	1	1	1	2			1	2	1	**47 1.7**
Transitional Epithelium, Hyperplasia										1																**1 1.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

*** END OF MALE DATA ***

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DAY ON TEST	0729	0617	0730	0729	0730	0729	0730	0568	0729	0729	0730	0628	0575	0701	0716	0565	0730	0729	0730	0695	0690	0730	0730	0628	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5	**females (cont...)**
0 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																										
Parasite Metazoan																										
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan				X			X												X	X	X					
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		X	
Clear Cell Focus							X		X				X					X								
Fatty Change																										
Hematopoietic Cell Proliferation				1									1	2												
Hepatodiaphragmatic Nodule							X			X					X					X						
Inflammation	1		1	1	1	2	1	1	1	1	1		1	1		1	1	1	2	1	1	1	1	1	2	
Mixed Cell Focus	X					X	X											X								

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FISCHER 344 RATS FEMALE

0 MG/KG

females (cont...)

DAY ON TEST	0729	0617	0730	0729	0730	0729	0730	0568	0729	0729	0730	0628	0575	0701	0716	0565	0730	0729	0730	0695	0690	0730	0730	0628	0729
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5
Necrosis														2											
Bile Duct, Hyperplasia		1							1						1	1		1		1					1
Hepatocyte, Hypertrophy					2									2											
Portal, Fibrosis																									
Mesentery			+					+		+				+		+	+								
Necrosis			3					3		3				3		3	3								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy		1											3						1					1	
Acinus, Hyperplasia																									
Duct, Cyst		1		2			1								1										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus											1														
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																									
Inflammation																									
Ulcer																									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																									
Inflammation																									
Glands, Hyperplasia																									
Tooth																									

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FISCHER 344 RATS FEMALE ANIMAL ID	0020	0020	0020	0020	0020	0020	0020	0020	0020	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0022	0022	0022	0022	0022	0022	
0 MG/KG	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	**females (cont...)**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	1	1	1	1	2	1	2	1	1	2	2	1	1	1	2	1	1	2	1	2	1	1	2	2	2	
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																										
Degeneration, Cystic																										
Hyperplasia						2	1										2	1	1				1			
Hypertrophy		2																1	1							
Vacuolization Cytoplasmic									1		2	1	1	1	2			1								
Bilateral, Atrophy																			3							
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Inflammation																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	0729	0617	0730	0729	0730	0729	0730	0568	0729	0729	0730	0628	0575	0701	0716	0565	0730	0729	0730	0695	0690	0730	0730	0628	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0020	0020	0020	0020	0020	0020	0020	0020	0020	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0022	0022	0022	0022	0022	0022
0 MG/KG	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
Hemorrhage																									
Pars Distalis, Cyst		2		2			3						1												1
Pars Distalis, Hyperplasia						3	2		3	2	3		3				2					3			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia	1				1					1	1		1		1	1	2	1	1		1	1	1		1

females (cont...)

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Duct, Cyst			2							3					2										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																	3			2					
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage													3												
Hydrometra																									
Inflammation											2										1				
Endometrium, Hyperplasia, Cystic											3														

HEMATOPOIETIC SYSTEM

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DAY ON TEST	072 9	061 7	073 0	072 9	073 0	072 9	073 0	056 8	072 9	072 9	073 0	062 8	057 5	070 1	071 6	056 5	073 0	072 9	073 0	069 5	069 0	073 0	073 0	062 8	072 9
FISCHER 344 RATS FEMALE ANIMAL ID	002 01	002 02	002 03	002 04	002 05	002 06	002 07	002 08	002 09	002 10	002 11	002 12	002 13	002 14	002 15	002 16	002 17	002 18	002 19	002 20	002 21	002 22	002 23	002 24	002 25
0 MG/KG																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		4	2						2			4	3	4	4									2	
Lymph Node												+													
Mediastinal, Hemorrhage																									
Pancreatic, Infiltration Cellular, Histiocyte																									
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					2											
Capsule, Inflammation													1												
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																								4	
Galactocele																									
Hyperplasia																						2	3		
Inflammation																								3	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dermis, Inflammation																					3				
Epidermis, Ulcer																					3				

females (cont...)

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DAY ON TEST	072	061	073	072	073	072	073	056	072	072	073	062	057	070	071	056	073	072	073	069	069	073	073	062	072	
FISCHER 344 RATS FEMALE ANIMAL ID	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	
0 MG/KG	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	**females (cont...)**
Site Of Application - Epidermis, Hyperplasia				1	1																					
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																										
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage					3															3	3					
Hydrocephalus																										
Peripheral Nerve																										
Spinal Cord																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation		1		1										1	3	1	1		1					1		
Alveolar Epithelium, Hyperplasia								1			2			1				2		2						
Alveolus, Infiltration Cellular, Histiocyte	1		1		1		1	1	1	1	1	1	1	1		1	1	2	1	1		1		1		

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2) Mild 4) Marked

DAY ON TEST	0729	0617	0730	0729	0730	0729	0730	0568	0729	0729	0730	0628	0575	0701	0716	0565	0730	0729	0730	0695	0690	0730	0730	0628	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0020	0020	0020	0020	0020	0020	0020	0020	0020	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0022	0022	0022	0022	0022	0022
0 MG/KG	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
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation		1		1																					
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract		2								2															
Retina, Atrophy		4								4															3
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia													2												
Inflammation						1								1											
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									
Hydronephrosis																									
Mineralization	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	2			1		1		1	1		1
Renal Tubule, Hyperplasia																									
Transitional Epithelium, Hyperplasia																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

females (cont...)

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DAY ON TEST	0729	0617	0687	0729	0729	0729	0729	0729	0730	0649	0729	0729	0687	0632	0723	0609	0729	0730	0729	0553	0729	0729	0673	0698	0688	
FISCHER 344 RATS FEMALE ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
0 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion																								2		**1 2.0**
Parasite Metazoan									X																	**1**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan					X				X								X									**8**
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		X	**43**
Clear Cell Focus																										**4**
Fatty Change																							2			**1 2.0**
Hematopoietic Cell Proliferation									1		1															**5 1.2**
Hepatodiaphragmatic Nodule								X									X						X			**7**
Inflammation	1	1	1	1		1	1	1	1	2		1	1	1		1	1	1	1	1	1	1	2		1	**43 1.1**
Mixed Cell Focus						X																				**5**

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
1,2-Dibromo-2,4-dicyanobutane
CAS Number: 35691-65-7

FISCHER 344 RATS FEMALE

0 MG/KG

DAY ON TEST	0729	0617	0687	0729	0729	0729	0729	0729	0730	0649	0729	0729	0687	0632	0723	0609	0729	0730	0729	0553	0729	0729	0673	0698	0688	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Necrosis																										1 2.0
Bile Duct, Hyperplasia			1	1	1								1	1	1						1		1	2		16 1.1
Hepatocyte, Hypertrophy						2																2				4 2.0
Portal, Fibrosis									1																	1 1.0
Mesentery		+	+	+	+			+			+				+						+					14
Necrosis		3	3	3	3			3			3				3						3					14 3.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Acinus, Atrophy		1													1	1				1					2	9 1.3
Acinus, Hyperplasia																			1							1 1.0
Duct, Cyst																		1								5 1.2
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basophilic Focus																										1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Edema													1													1 1.0
Inflammation																							3			1 3.0
Ulcer															2								3	2		3 2.3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Erosion															1									1		2 1.0
Inflammation																							1			1 1.0
Glands, Hyperplasia															2											1 2.0
Tooth								+																		1

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DAY ON TEST	072	061	068	072	072	072	072	072	073	064	072	072	068	063	072	060	072	073	072	055	072	072	067	069	068	
FISCHER 344 RATS FEMALE ANIMAL ID	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	002	
0 MG/KG	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	*** TOTALS**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	1	2	1	2	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	2	**50 1.4**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis						2																				**1 2.0**
Degeneration, Cystic						1																				**1 1.0**
Hyperplasia											2															**7 1.4**
Hypertrophy				1	1		1	1			2						2				2	2	1			**12 1.4**
Vacuolization Cytoplasmic					1	3	1			3	3				1			3		2	2			1		**17 1.7**
Bilateral, Atrophy																										**1 3.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia															1		1	3		1						**4 1.5**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																								3		**1 3.0**
Inflammation																					1					**1 1.0**
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	M	+	+	+	+	**46**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	0729	0617	0687	0729	0729	0729	0729	0729	0730	0649	0729	0729	0687	0632	0723	0609	0729	0730	0729	0553	0729	0729	0673	0698	0688	
FISCHER 344 RATS FEMALE ANIMAL ID	0022 6	0022 7	0022 8	0022 9	0023 0	0023 1	0023 2	0023 3	0023 4	0023 5	0023 6	0023 7	0023 8	0023 9	0024 0	0024 1	0024 2	0024 3	0024 4	0024 5	0024 6	0024 7	0024 8	0024 9	0025 0	*** TOTALS**
0 MG/KG																										
Hemorrhage															2											**1 2.0**
Pars Distalis, Cyst						1																2				**7 1.7**
Pars Distalis, Hyperplasia				3	3	3						4					2		3	1	1	2				**17 2.5**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	1	1	1	1	1	1	1	1	1	1			1	1	3	1	1		1		1	1		1		**33 1.1**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																							1			**1 1.0**
Duct, Cyst																										**3 2.3**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst	2														3			2	3							**6 2.5**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 3.0**
Hydrometra																					2					**1 2.0**
Inflammation																										**2 1.5**
Endometrium, Hyperplasia, Cystic				1																						**2 2.0**

HEMATOPOIETIC SYSTEM

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DAY ON TEST	0729	0617	0687	0729	0729	0729	0729	0729	0730	0649	0729	0729	0687	0632	0723	0609	0729	0730	0729	0553	0729	0729	0673	0698	0688	
FISCHER 344 RATS FEMALE ANIMAL ID	0022	0022	0022	0022	0023	0023	0023	0023	0023	0023	0023	0023	0023	0023	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0025	
0 MG/KG	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	*** TOTALS**
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia				1	4				1					2	4					4				4		**15 3.0**
Lymph Node														+					+					+		**4**
Mediastinal, Hemorrhage																			3							**1 3.0**
Pancreatic, Infiltration Cellular, Histiocyte														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**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hematopoietic Cell Proliferation																										**2 1.5**
Capsule, Inflammation																										**1 1.0**
Thymus	+	+	+	+	+	+	+	M	M	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	**45**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																	3									**2 3.5**
Galactocele						X																				**1**
Hyperplasia						2											3									**4 2.5**
Inflammation	1																									**2 2.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Dermis, Inflammation																										**1 3.0**
Epidermis, Ulcer																										**1 3.0**

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DAY ON TEST	0729	0617	0687	0729	0729	0729	0729	0729	0730	0649	0729	0729	0687	0632	0723	0609	0729	0730	0729	0553	0729	0729	0673	0698	0688	
FISCHER 344 RATS FEMALE ANIMAL ID	0022	0022	0022	0022	0023	0023	0023	0023	0023	0023	0023	0023	0023	0023	0024	0024	0024	0024	0024	0024	0024	0024	0024	0024	0025	
0 MG/KG	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	*** TOTALS**
Site Of Application - Epidermis, Hyperplasia													1					1								**4 1.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**3 3.0**
Hydrocephalus													1	1												**2 1.0**
Peripheral Nerve										+															+	**2**
Spinal Cord																									+	**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	1	1						1			2						1					1				**14 1.2**
Alveolar Epithelium, Hyperplasia	1	1		3			2				1							3							2	**12 1.8**
Alveolus, Infiltration Cellular, Histiocyte	2	1	1	2	1	1	1		1		1	1	1				1	1	1	1	1	1		1	1	**37 1.1**

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DAY ON TEST	0729	0617	0687	0729	0729	0729	0729	0729	0730	0649	0729	0729	0687	0632	0723	0609	0729	0730	0729	0553	0729	0729	0673	0698	0688	
FISCHER 344 RATS FEMALE ANIMAL ID	0022 6	0022 7	0022 8	0022 9	0023 0	0023 1	0023 2	0023 3	0023 4	0023 5	0023 6	0023 7	0023 8	0023 9	0024 0	0024 1	0024 2	0024 3	0024 4	0024 5	0024 6	0024 7	0024 8	0024 9	0025 0	*** TOTALS**
0 MG/KG																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation												2			2			1			1			1			**7 1.3**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract																										**2 2.0**
Retina, Atrophy																										**3 3.7**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 2.0**
Inflammation									1																	**3 1.0**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst											1															**1 1.0**
Hydronephrosis															1											**1 1.0**
Mineralization	1			1	1	1		1	1	1	1	1	1	1		1		1	1	1	1	1	1	1	1	**39 1.0**
Nephropathy	1	1		1	1	3	1	1	1	1	1	1	1	1	1		1	3	1		1	1	2	2	1	**40 1.2**
Renal Tubule, Hyperplasia											3															**1 3.0**
Transitional Epithelium, Hyperplasia							1																			**1 1.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	0729	0698	0616	0730	0597	0729	0730	0561	0730	0729	0561	0649	0730	0730	0596	0730	0462	0729	0573	0723	0723	0730	0729	0730	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5
2 MG/KG																										**females (cont...)**

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parasite Metazoan																									
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Diverticulum				X																					
Parasite Metazoan		X														X									
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																									
Basophilic Focus	X	X	X	X		X			X			X	X	X		X		X		X	X	X	X	X	X
Clear Cell Focus				X												X									X
Fatty Change												2							2						
Hematopoietic Cell Proliferation																			1						
Hemorrhage										2															
Hepatodiaphragmatic Nodule				X												X									

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DAY ON TEST	0729	0698	0616	0730	0597	0729	0730	0561	0730	0729	0561	0649	0730	0730	0596	0730	0462	0729	0573	0723	0723	0730	0729	0730	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5
2 MG/KG																									**females (cont...)**
Inflammation	1	1	1	1		1		1	1			1		1	1	1		1	1	1		1	1	1	
Mixed Cell Focus																									
Necrosis			1																						
Bile Duct, Hyperplasia		1								1	1					1									
Hepatocyte, Hypertrophy																									
Mesentery									+			+	+				+			+	+				+
Necrosis									3			3	3				3			3	3				3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy		2					1	1				1			2										
Duct, Cyst				1															1						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation												2													
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																	2								

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	2	1	2	2	1	2	2		1	3		2	2	2	2	2		2	1	2	2	1	2	1	1
Atrium, Thrombosis																									

DAY ON TEST	0729	0698	0616	0730	0597	0729	0730	0561	0730	0729	0561	0649	0730	0730	0596	0730	0462	0729	0573	0723	0723	0730	0729	0730	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5
2 MG/KG																										**females (cont...)**

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic											2													1	
Hyperplasia														1		1				1		2			
Hypertrophy	2					1		1		2			1						2		2			2	
Necrosis																	4								
Vacuolization Cytoplasmic						1	1			1	2								1						1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																								1	
Hypertrophy																									
Vacuolization Cytoplasmic																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Hyperplasia																									
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst				1	3	3					2		3											3	3
Pars Distalis, Hyperplasia				3		1	3		3	2	2		1		2	2		2					2	3	2
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia	1	1		2	1		1	1	1			1	1	1		1		1	1	1	1		1		1
Follicular Cell, Hyperplasia																									

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2 MG/KG																										**females (cont...)**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Cyst																									
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst												3	1								3				
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Hyperplasia, Cystic																									

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia					4						4		2		3		2		3						
Lymph Node						+																			
Deep Cervical, Hemorrhage						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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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FISCHER 344 RATS FEMALE ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5
2 MG/KG																									**females (cont...)**
Hemorrhage																									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																									
Hematopoietic Cell Proliferation																			2						
Infarct																	3								
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst														3					3	4					
Hyperplasia														3						3					
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epidermis, Ulcer													2												
Site Of Application - Dermis, Fibrosis			2																						
Site Of Application - Dermis, Inflammation			3									3	2												
Site Of Application - Epidermis, Hyperkeratosis			1										1												
Site Of Application - Epidermis, Hyperplasia			2									2	2												
Site Of Application - Epidermis, Necrosis			2									1													
Site Of Application - Epidermis, Ulcer			2										2												

MUSCULOSKELETAL SYSTEM

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FISCHER 344 RATS FEMALE ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5
2 MG/KG																									**females (cont...)**
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																	1								
Hydrocephalus		2						1											2						
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation																									
Inflammation																				2	2				
Metaplasia, Squamous								2																	
Alveolar Epithelium, Hyperplasia								2																	1
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1		1				1		1	1			1					1	1	1		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			2		1			1														3	1		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract																				3					

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FISCHER 344 RATS FEMALE ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5
2 MG/KG																										**females (cont...)**
Cornea, Edema																										
Retina, Atrophy																				4						
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Zymbal's Gland			+																							
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infarct																										
Mineralization		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	2	1	1	1		1	2	1	2	1	1	1	1	
Thrombosis																										
Renal Tubule, Hyperplasia																										
Transitional Epithelium, Hyperplasia																									1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	0729	0730	0643	0730	0466	0485	0730	0730	0730	0730	0467	0730	0729	0730	0390	0729	0730	0730	0730	0678	0730	0629	0729	0729	0729		
FISCHER 344 RATS FEMALE ANIMAL ID	0027	0027	0027	0027	0028	0028	0028	0028	0028	0028	0028	0028	0028	0028	0029	0029	0029	0029	0029	0029	0029	0029	0029	0029	0030		
2 MG/KG	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**	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Parasite Metazoan																		X						X			**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Diverticulum																											**1**
Parasite Metazoan	X			X									X		X	X		X						X			**9**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Angiectasis	2																										**1 2.0**
Basophilic Focus	X	X		X	X	X	X	X	X	X		X	X	X					X		X	X	X	X	X		**35**
Clear Cell Focus		X					X																	X	X		**7**
Fatty Change	1																										**3 1.7**
Hematopoietic Cell Proliferation	1																							1			**3 1.0**
Hemorrhage																											**1 2.0**
Hepatodiaphragmatic Nodule					X	X			X																		**5**

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FISCHER 344 RATS FEMALE ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	*** TOTALS**	
2 MG/KG																											
Inflammation	1	1		1	1	1	1	1		1			1	1				1	1		1	1		1	1	**33**	**1.0**
Mixed Cell Focus																					X					**1**	
Necrosis									2																	**2**	**1.5**
Bile Duct, Hyperplasia	1						1		1					1	1			1			1					**11**	**1.0**
Hepatocyte, Hypertrophy							2																			**1**	**2.0**
Mesentery		+	+	+					+		+															**12**	
Necrosis		3	3	3					3		3																**12**	**3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Acinus, Atrophy								2								2	3					1					**9**	**1.7**
Duct, Cyst																							1				**3**	**1.0**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																											**1**	**2.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Erosion																											**1**	**2.0**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	2	2	1	2	1	1	2	1	1	2		2	2	2		2	2	2	2	2	2	3	2	1		**44**	**1.8**
Atrium, Thrombosis																						4				**1**	**4.0**

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FISCHER 344 RATS FEMALE ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	*** TOTALS**
2 MG/KG																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic							2					2											1			**5 1.6**
Hyperplasia	1	1						1	1			1							1	3	2					**12 1.3**
Hypertrophy				1								1		1							1	1	2	2	1	**16 1.4**
Necrosis																										**1 4.0**
Vacuolization Cytoplasmic		1					2		1			1				1										**11 1.2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia							1				1															**3 1.0**
Hypertrophy																								2		**1 2.0**
Vacuolization Cytoplasmic																				2						**1 2.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia													1													**1 1.0**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst							1	3				2	1	1	2				1		1					**15 2.0**
Pars Distalis, Hyperplasia	4				1		2	2			2	2	4	1		3	2		2		3			3		**26 2.3**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	2		1	1		1	1	1		1		1				1	1	1				1			1	**30 1.1**
Follicular Cell, Hyperplasia								1																		**1 1.0**

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

DAY ON TEST	0729	0730	0643	0730	0466	0485	0730	0730	0730	0730	0467	0730	0729	0730	0390	0729	0730	0730	0730	0678	0730	0629	0729	0729	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0027	0027	0027	0027	0028	0028	0028	0028	0028	0028	0028	0028	0028	0028	0029	0029	0029	0029	0029	0029	0029	0029	0029	0029	0030	
2 MG/KG	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**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Duct, Cyst	1																									**1 1.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst		2				1												1					3			**7 2.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Endometrium, Hyperplasia, Cystic																2										**1 2.0**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia			4				4	3			4	4			4	4	4			4						**15 3.5**
Lymph Node															+											**2**
Deep Cervical, Hemorrhage																										**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**

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DAY ON TEST	0729	0730	0643	0730	0466	0485	0730	0730	0730	0730	0467	0730	0729	0730	0390	0729	0730	0730	0730	0678	0730	0629	0729	0729	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0027	0027	0027	0027	0028	0028	0028	0028	0028	0028	0028	0028	0028	0028	0029	0029	0029	0029	0029	0029	0029	0029	0029	0029	0030	
2 MG/KG	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**
Hemorrhage																						2				**1 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy																					3					**1 3.0**
Hematopoietic Cell Proliferation											2															**2 2.0**
Infarct																				3						**2 3.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**3 3.3**
Hyperplasia																					3					**3 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Ulcer																										**1 2.0**
Site Of Application - Dermis, Fibrosis																										**1 2.0**
Site Of Application - Dermis, Inflammation										3						2										**5 2.6**
Site Of Application - Epidermis, Hyperkeratosis										1					1	1					1					**6 1.0**
Site Of Application - Epidermis, Hyperplasia					1					2						2										**6 1.8**
Site Of Application - Epidermis, Necrosis										2						1										**4 1.5**
Site Of Application - Epidermis, Ulcer										3						1										**4 2.0**

MUSCULOSKELETAL SYSTEM

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FISCHER 344 RATS FEMALE ANIMAL ID	0027	0027	0027	0027	0028	0028	0028	0028	0028	0028	0028	0028	0028	0028	0029	0029	0029	0029	0029	0029	0029	0029	0029	0029	0030		
2 MG/KG	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**	
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hemorrhage																											**1 1.0**
Hydrocephalus																											**3 1.7**
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hematopoietic Cell Proliferation							1																				**1 1.0**
Inflammation	1	1											1						1		1			1			**8 1.3**
Metaplasia, Squamous																											**1 2.0**
Alveolar Epithelium, Hyperplasia				2								2							1				2	1	1		**8 1.5**
Alveolus, Infiltration Cellular, Histiocyte	1		1	1			1	1		1		1		1				1	1	1	1	3	1	1	1		**28 1.1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation						2	2		1									3					1				**10 1.7**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cataract			3																		3						**3 3.0**

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DAY ON TEST	0729	0730	0643	0730	0466	0485	0730	0730	0730	0730	0467	0730	0729	0730	0390	0729	0730	0730	0730	0678	0730	0629	0729	0729	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0027	0027	0027	0027	0028	0028	0028	0028	0028	0028	0028	0028	0028	0028	0029	0029	0029	0029	0029	0029	0029	0029	0029	0029	0030	
2 MG/KG	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**
Cornea, Edema																2										**1 2.0**
Retina, Atrophy			4																		4					**3 4.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation				1						1																**2 1.0**
Zymbal's Gland																	+									**2**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Infarct																				3						**1 3.0**
Mineralization	1	1	1		1			1	1	1		1		1	1	1	1	1	1		1		1			**31 1.0**
Nephropathy	1	1	2	1		1	1	1	1	3	2	1	2	1		1	1	1	1	2	1	1	2	2	1	**46 1.3**
Thrombosis																				2						**1 2.0**
Renal Tubule, Hyperplasia				1																						**1 1.0**
Transitional Epithelium, Hyperplasia																										**1 1.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	063	056	071	062	072	061	066	061	045	053	073	073	072	073	072	044	073	072	072	060	073	072	068	058	051	
FISCHER 344 RATS FEMALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
6 MG/KG																										**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan																										
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan		X																		X	X			X		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus	X		X	X	X	X		X	1	X	X	X	X	X	X			X	X	X	X	X	X	X		
Clear Cell Focus								X																		
Fatty Change															3								1			
Hematopoietic Cell Proliferation		1														1										
Hepatodiaphragmatic Nodule					X									X												
Inflammation	1			1	1	1		1	2		1	1	1	1	1			1	1	1		1	1	1	1	
Mixed Cell Focus																										
Necrosis		1																					1			

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DAY ON TEST	063	056	071	062	072	061	066	061	045	053	073	073	072	073	072	044	073	072	072	060	073	072	068	058	051
FISCHER 344 RATS FEMALE ANIMAL ID	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003
6 MG/KG	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
Bile Duct, Hyperplasia			1				1								1				1						
Hepatocyte, Atypia Cellular																									
Hepatocyte, Hyperplasia										2															
Hepatocyte, Hypertrophy										2															
Mesentery										+							+	+							+
Necrosis										3							3	3							3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																									
Acinus, Atrophy		1	2					1							3			1			1			1	1
Duct, Cyst	1																								
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis						3																			
Inflammation						3																			
Ulcer																									4
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion		3																							
Inflammation						2																			

females (cont...)

CARDIOVASCULAR SYSTEM

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

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FISCHER 344 RATS FEMALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025
6 MG/KG																									**females (cont...)**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	2	1	1	2	1	1		2	2	2	3	1	1	1	1		2	1	2	3	1		2	1	1
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																			1						
Degeneration, Cystic	1							2					1												
Hyperplasia													1												
Hypertrophy	1		2		1	1	1						1		2				2		2		2		
Necrosis																									
Vacuolization Cytoplasmic	1	1	1				1	2			3				2		1		1				1		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia															2										
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst		2			1			1																	
Pars Distalis, Hyperplasia	2	1	1					3				3			3						4				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia	1					1	1				1	1	1	1	1		1	1	1			1			

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DAY ON TEST	063	056	071	062	072	061	066	061	045	053	073	073	072	073	072	044	073	072	072	060	073	072	068	058	051	
FISCHER 344 RATS FEMALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
6 MG/KG																										**females (cont...)**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Inflammation																										
Duct, Cyst	2																									
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion											2															
Cyst						3			3										4							
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																						4				
Hydrometra																					2					
Endometrium, Hyperplasia, Cystic																		1								

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia		4	4				4			3						4	4				4					
Lymph Node							+				+															
Pancreatic, Infiltration Cellular, Histiocyte											3															

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FISCHER 344 RATS FEMALE ANIMAL ID	0030	0030	0030	0030	0030	0030	0030	0030	0030	0031	0031	0031	0031	0031	0031	0031	0031	0031	0031	0032	0032	0032	0032	0032	0032
6 MG/KG	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
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																									
Infiltration Cellular, Histiocyte																									2
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Spleen																									
Hematopoietic Cell Proliferation		2																							
Infarct																									
Metaplasia, Lipocyte																									
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									3
Hyperplasia																									
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Site Of Application - Dermis, Inflammation									1		1					1			1		1	1			
Site Of Application - Epidermis, Hyperkeratosis	1	2	2	1	2	2	2	2	1	2	2	1	2	2	1	2	2	1	2	1	2	2	2	1	2
Site Of Application - Epidermis, Hyperplasia	1		1		1	1		1			1			1		1		1	1		1	1			1

females (cont...)

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FISCHER 344 RATS FEMALE ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
6 MG/KG																										**females (cont...)**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Inflammation	1													1			1							1	1	
Alveolar Epithelium, Hyperplasia								2	2		1								2							
Alveolus, Infiltration Cellular, Histiocyte	1	1			1	1		1	2	1	1	1	1	1				1	1		1	1	1		1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	3											2										2	2			
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
SPECIAL SENSES SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
\+ .. Tissue examined microscopically
x .. Lesion present
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M .. Missing tissue
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BLANK .. Not examined microscopically

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

DAY ON TEST	0632	0561	0716	0626	0729	0617	0664	0617	0453	0530	0730	0730	0729	0730	0729	0442	0730	0729	0729	0603	0730	0729	0687	0581	0513
FISCHER 344 RATS FEMALE 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
6 MG/KG																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract	3																							3	
Retina, Atrophy	4																							4	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland																									
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									
Inflammation																									
Mineralization		1		1	1	1	1			1	1		1	1	1	1	1	1	1	1	1	1		1	
Necrosis																									
Nephropathy	1	1	2		1	1	1	1			1	1	2	1	1		2	2	2		1	2	2	2	
Thrombosis																									
Urinary Bladder	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

females (cont...)

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DAY ON TEST	0630	0729	0657	0687	0652	0589	0730	0596	0730	0729	0729	0730	0646	0713	0730	0729	0602	0729	0730	0730	0726	0496	0561	0730	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	*** TOTALS**
6 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan											X					X										**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan		X									X		X	X								X			X	**10**
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	**40 1.0**
Clear Cell Focus						X			X																	**3**
Fatty Change																										**2 2.0**
Hematopoietic Cell Proliferation																										**2 1.0**
Hepatodiaphragmatic Nodule		X			X															X						**5**
Inflammation		1			1	1	1	1	1	1	1	1		1		1	1	1	1	1					1	**34 1.0**
Mixed Cell Focus																			X							**1**
Necrosis																										**2 1.0**

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\+ .. Tissue examined microscopically
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1) Minimal 3) Moderate
2) Mild 4) Marked

DAY ON TEST	0630	0729	0657	0687	0652	0589	0730	0596	0730	0729	0729	0730	0646	0713	0730	0729	0602	0729	0730	0730	0726	0496	0561	0730	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0032	0032	0032	0032	0033	0033	0033	0033	0033	0033	0033	0033	0033	0033	0034	0034	0034	0034	0034	0034	0034	0034	0034	0034	0035	
6 MG/KG	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	*** TOTALS**
Bile Duct, Hyperplasia													1		1		1		1			1			1	**10 1.0**
Hepatocyte, Atypia Cellular																							2			**1 2.0**
Hepatocyte, Hyperplasia																										**1 2.0**
Hepatocyte, Hypertrophy																										**1 2.0**
Mesentery					+	+			+	+						+	+				+				+	**12**
Necrosis					3	3			3	3						3	3				3				3	**12 3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus																	X									**1**
Acinus, Atrophy							1			1		2			2				2		2	2	3		1	**17 1.6**
Duct, Cyst																1										**2 1.0**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis																										**1 3.0**
Inflammation																										**1 3.0**
Ulcer																										**1 4.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion				2																						**2 2.5**
Inflammation																										**1 2.0**

CARDIOVASCULAR SYSTEM

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

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DAY ON TEST	0630	0729	0657	0687	0652	0589	0730	0596	0730	0729	0729	0730	0646	0713	0730	0729	0602	0729	0730	0730	0726	0496	0561	0730	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0032	0032	0032	0032	0033	0033	0033	0033	0033	0033	0033	0033	0033	0033	0034	0034	0034	0034	0034	0034	0034	0034	0034	0034	0035	*** TOTALS**
6 MG/KG	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	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2	2	2	2	2	1	2	1	1	1	2	2	3	1	2	2	1	2	2	2	2		2	3	1	**46 1.7**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Accessory Adrenal Cortical Nodule																										**1 1.0**
Degeneration, Cystic							1					1														**5 1.2**
Hyperplasia										1												1				**3 1.0**
Hypertrophy		2					1			1		1	1							1				1	2	**18 1.4**
Necrosis				2																						**1 2.0**
Vacuolization Cytoplasmic		3		2						1		1				2			2			1				**17 1.5**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 2.0**
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst		2	2	3			1										2	1			1				3	**11 1.7**
Pars Distalis, Hyperplasia			3	3		2	1			2		3						3	3	3	3	2	4		2	**20 2.6**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia				1			1			1		1					1	1					1	2		**20 1.1**

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DAY ON TEST	063 0	072 9	065 7	068 7	065 2	058 9	073 0	059 6	073 0	072 9	072 9	073 0	064 6	071 3	073 0	072 9	060 2	072 9	073 0	073 0	072 6	049 6	056 1	073 0	072 9	
FISCHER 344 RATS FEMALE ANIMAL ID	003 6	003 7	003 8	003 9	003 0	003 1	003 2	003 3	003 4	003 5	003 6	003 7	003 8	003 9	003 0	003 1	003 2	003 3	003 4	003 5	003 6	003 7	003 8	003 9	003 0	*** TOTALS**
6 MG/KG																										
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia					2																					**1 2.0**
Inflammation					3																					**1 3.0**
Duct, Cyst																			3							**2 2.5**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion																										**1 2.0**
Cyst											2					2								3		**6 2.8**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																3										**2 3.5**
Hydrometra																										**1 2.0**
Endometrium, Hyperplasia, Cystic				1																						**2 1.0**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	4		4	4									4		4							4	4			**14 3.9**
Lymph Node													+													**3**
Pancreatic, Infiltration Cellular, Histiocyte																										**1 3.0**

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FISCHER 344 RATS FEMALE

6 MG/KG

DAY ON TEST	0630	0729	0657	0687	0652	0589	0730	0596	0730	0729	0729	0730	0646	0713	0730	0729	0602	0729	0730	0730	0726	0496	0561	0730	0729	
ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	* TOTALS
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																								2		1 2.0
Infiltration Cellular, Histiocyte																										1 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Accessory Spleen													X													1
Hematopoietic Cell Proliferation																										1 2.0
Infarct	4																									1 4.0
Metaplasia, Lipocyte			2																							1 2.0
Thymus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	48

INTEGUMENTARY SYSTEM

	0630	0729	0657	0687	0652	0589	0730	0596	0730	0729	0729	0730	0646	0713	0730	0729	0602	0729	0730	0730	0726	0496	0561	0730	0729	
	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	* TOTALS
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst																									3	2 3.0
Hyperplasia																									3	1 3.0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Site Of Application - Dermis, Inflammation		1				1					1						1	1							1	12 1.0
Site Of Application - Epidermis, Hyperkeratosis	1	2	1	1	1	2	1	1	2	1	1	1	2		1	1	1	1	1	2	2	2	1	2	1	49 1.5
Site Of Application - Epidermis, Hyperplasia	1	1	1		1	1				1	1	1			1			1						1	1	25 1.0

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DAY ON TEST	063 0	072 9	065 7	068 7	065 2	058 9	073 0	059 6	073 0	072 9	072 9	073 0	064 6	071 3	073 0	072 9	060 2	072 9	073 0	073 0	072 6	049 6	056 1	073 0	072 9	
FISCHER 344 RATS FEMALE ANIMAL ID	003 2 6	003 2 7	003 2 8	003 2 9	003 3 0	003 3 1	003 3 2	003 3 3	003 3 4	003 3 5	003 3 6	003 3 7	003 3 8	003 3 9	003 4 0	003 4 1	003 4 2	003 4 3	003 4 4	003 4 5	003 4 6	003 4 7	003 4 8	003 4 9	003 5 0	*** TOTALS**
6 MG/KG																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																					3					**1 3.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																					3					**1 3.0**
Inflammation		2														2					2	2				**9 1.4**
Alveolar Epithelium, Hyperplasia															2	2			2							**7 1.9**
Alveolus, Infiltration Cellular, Histiocyte		1		1			1	1			1	1			1				1	1						**26 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	1			1	1			1								2						1	3			**11 1.7**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	1																									**1 1.0**
SPECIAL SENSES SYSTEM																										

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DAY ON TEST	0630	0729	0657	0687	0652	0589	0730	0596	0730	0729	0729	0730	0646	0713	0730	0729	0602	0729	0730	0730	0726	0496	0561	0730	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	*** TOTALS**
6 MG/KG																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract																										**2 3.0**
Retina, Atrophy																										**2 4.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Zymbal's Gland								+																		**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																	2									**1 2.0**
Inflammation																			1							**1 1.0**
Mineralization	1	1	1	1		1	1	1	1	1		1		1	1			1		1		1	1			**34 1.0**
Necrosis				3																						**1 3.0**
Nephropathy		2		2		1	1	3	1			1		1	1	1	1	1	1	1				3	1	**35 1.4**
Thrombosis				2																						**1 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

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DAY ON TEST	0729	0489	0467	0730	0730	0596	0730	0730	0730	0625	0729	0309	0698	0561	0246	0729	0716	0729	0112	0730	0642	0729	0730	0729	0730
FISCHER 344 RATS FEMALE ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5
18 MG/KG																										**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan																										
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan			X	X		X							X													
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	
Clear Cell Focus																										
Fatty Change																										
Hematopoietic Cell Proliferation											1															
Hemorrhage																										
Hepatodiaphragmatic Nodule				X		X	X																			
Inflammation	1	1		1		1	1	1	1	2	1					1	1	1	1	1	1		1			
Mixed Cell Focus				X														X		X						

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

DAY ON TEST	0729	0489	0467	0730	0730	0596	0730	0730	0730	0625	0729	0309	0698	0561	0246	0729	0716	0729	0112	0730	0642	0729	0730	0729	0730
FISCHER 344 RATS FEMALE ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5
18 MG/KG																									**females (cont...)**
Necrosis										2															
Bile Duct, Hyperplasia				1	1		1			3										1	1	1			1
Hepatocyte, Regeneration										3															
Mesentery				+	+					+	+				+	+	+					+			+
Inflammation										3															
Necrosis				3	3						3				3	3	3					3			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation										3															
Acinus, Atrophy						1		1						1			1					1		1	
Duct, Cyst											2												2		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation										2															
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			2										1												
Ulcer			2																						
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	2	2		1	3	1	3	2	2	2	1	1	1			2	2	1		1	2	1	2	2	2

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FISCHER 344 RATS FEMALE ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5
18 MG/KG																									
Inflammation										3															

females (cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration, Cystic										2							2	2							
Hyperplasia				2	2		2										1								
Hypertrophy				1			1	1	1					1				2							
Vacuolization Cytoplasmic				1					1	3						2	2	2				2		1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia									1																
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst	3					1	2						2	2	1									3	
Pars Distalis, Hyperplasia				1	2	3		2	2		2		2	2											
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia	3			2	1	1	1	1						1		1	1			1			1		2

GENERAL BODY SYSTEM

NONE

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FISCHER 344 RATS FEMALE ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5	**females (cont...)**
18 MG/KG																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
Hyperplasia					2		2																		2	
Inflammation																									3	
Duct, Cyst							4																			
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																2						3		1		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hydrometra									2																	
Endometrium, Hyperplasia, Cystic																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia			3							3			4	4	3			1				4				
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation										3																

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FISCHER 344 RATS FEMALE ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5
18 MG/KG																									**females (cont...)**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis										1															
Hemorrhage			3																						
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+
Cyst					2																				
Inflammation										2															

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									
Hyperplasia										3															
Infiltration Cellular, Mononuclear Cell																							1		
Inflammation																									
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epidermis, Necrosis																									
Epidermis, Ulcer																									
Hair Follicle, Cyst																									
Site Of Application - Dermis, Fibrosis																	3								
Site Of Application - Dermis, Inflammation	2	1	1	1	1	2	2	1	2	1	2	1	1	1	2	1	2	1		1	1	1	2	2	2
Site Of Application - Epidermis, Hyperkeratosis	3	1	2	2	2	3	3	3	3	1	3	2	3	2	3	3	2	3		2	2	3	3	3	3
Site Of Application - Epidermis, Hyperplasia	2	2	1	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2		2	2	2	2	2	2
Site Of Application - Epidermis, Necrosis										2					1	1	2								
Site Of Application - Epidermis, Ulcer			2																						

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DAY ON TEST	072	048	046	073	073	059	073	073	073	062	072	030	069	056	024	072	071	072	011	073	064	072	073	072	073	
FISCHER 344 RATS FEMALE ANIMAL ID	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	
18 MG/KG	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	**females (cont...)**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle															+											
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage			3																							
Hydrocephalus		1								1																
Peripheral Nerve																										
Spinal Cord																										
Hemorrhage																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation				1						3	2												1			
Alveolar Epithelium, Hyperplasia				1	1		1	1											1	1						
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1	1	1	1	1	1			1		1	1	1	1	1	1	1	2	2		1	1	
Serosa, Inflammation																			2							

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DAY ON TEST	0729	0489	0467	0730	0730	0596	0730	0730	0730	0625	0729	0309	0698	0561	0246	0729	0716	0729	0112	0730	0642	0729	0730	0729	0730
FISCHER 344 RATS FEMALE ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5
18 MG/KG																									**females (cont...)**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	1			2		3		2																	
Polyp, Inflammatory						4																			
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract		2					2	3				2													2
Retina, Atrophy		4					4	4																	4
Retina, Dysplasia																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Inflammation				1						1														1	
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization		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	2			1		1	2	1	1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	072 9	072 9	072 9	072 9	072 9	072 9	073 0	073 0	065 3	049 9	073 0	072 9	065 6	073 0	049 6	073 0	073 0	056 9	065 2	073 0	066 4	072 9	072 9	066 4	072 9	
FISCHER 344 RATS FEMALE ANIMAL ID	003 6	003 7	003 8	003 9	003 8	003 8	003 8	003 8	003 8	003 8	003 8	003 8	003 8	003 8	003 9	003 9	003 9	003 9	003 9	003 9	003 9	003 9	003 9	003 9	004 0	*** TOTALS**
18 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan												X														**1**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan		X					X				X									X		X				**9**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus	X	X	X	X	X	X	X	X		1	X	X	X	X	X	X		X		X		X	X		X	**39 1.0**
Clear Cell Focus																	X									**1**
Fatty Change													2													**1 2.0**
Hematopoietic Cell Proliferation								1															1			**3 1.0**
Hemorrhage																							1			**1 1.0**
Hepatodiaphragmatic Nodule										X		X									X	X				**7**
Inflammation		1	1			1	1	1			1	1	1	1		1	1	1		1			1			**30 1.0**
Mixed Cell Focus			X		X												X									**6**

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DAY ON TEST	0729	0729	0729	0729	0729	0729	0730	0730	0653	0499	0730	0729	0656	0730	0496	0730	0730	0569	0652	0730	0664	0729	0729	0664	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	*** TOTALS**
18 MG/KG																										
Necrosis																										**1 2.0**
Bile Duct, Hyperplasia	1							1	1	1										1			1	2		**15 1.2**
Hepatocyte, Regeneration																										**1 3.0**
Mesentery																+					+			+		**12**
Inflammation																										**1 3.0**
Necrosis																3					3			3		**10 3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 3.0**
Acinus, Atrophy		2					1	1						1									1			**11 1.1**
Duct, Cyst		1				1							1										2			**6 1.5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**2 1.5**
Ulcer													2													**2 2.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2		1	2	1	2	2	1		2	2	1	2	2	1	2	2	1	1	2	1	2	2		1	**43 1.7**

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DAY ON TEST	0729	0729	0729	0729	0729	0729	0730	0730	0653	0499	0730	0729	0656	0730	0496	0730	0730	0569	0652	0730	0664	0729	0729	0664	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0037	0037	0037	0037	0038	0038	0038	0038	0038	0038	0038	0038	0038	0038	0039	0039	0039	0039	0039	0039	0039	0039	0039	0039	0040	
18 MG/KG	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**
Inflammation																										**1 3.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic																									1	**4 1.8**
Hyperplasia																										**4 1.8**
Hypertrophy	1		2		2			2								2			2	2	1		2		2	**16 1.6**
Vacuolization Cytoplasmic			2		1		1		2			1		1					2				1	2		**18 1.6**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia										1																**2 1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation			1																							**1 1.0**
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst	2			3												2	1	2	3				3			**14 2.1**
Pars Distalis, Hyperplasia			2	1			3		3		3				1		2	1			3				3	**18 2.1**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia		1	1	1		1				1	1	1		1					1	1	1		1			**24 1.2**

GENERAL BODY SYSTEM

NONE

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2) Mild 4) Marked

DAY ON TEST	072	072	072	072	072	072	073	073	065	049	073	072	065	073	049	073	073	056	065	073	066	072	072	066	072	
	9	9	9	9	9	9	0	0	3	9	0	9	6	0	6	0	0	9	2	0	4	9	9	4	9	
FISCHER 344 RATS FEMALE ANIMAL ID	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	004	
18 MG/KG	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**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hyperplasia																				1						**4 1.8**
Inflammation																	3									**2 3.0**
Duct, Cyst																										**1 4.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst							2				3		2								3					**7 2.3**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hydrometra																										**1 2.0**
Endometrium, Hyperplasia, Cystic			1		1												3									**3 1.7**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	4								4	4			1		4				2		4	4	4	4	2	**18 3.3**
Lymph Node															+						+			+		**5**
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**
Inflammation																										**1 3.0**

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DAY ON TEST	0729	0729	0729	0729	0729	0729	0730	0730	0653	0499	0730	0729	0656	0730	0496	0730	0730	0569	0652	0730	0664	0729	0729	0664	0729	
FISCHER 344 RATS FEMALE ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	*** TOTALS**
18 MG/KG																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis																										**1 1.0**
Hemorrhage																										**1 3.0**
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	**45**
Cyst																								2		**2 2.0**
Inflammation																										**1 2.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst					2											4										**2 3.0**
Hyperplasia					2																					**2 2.5**
Infiltration Cellular, Mononuclear Cell																										**1 1.0**
Inflammation					2																					**1 2.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Necrosis																2										**1 2.0**
Epidermis, Ulcer																3										**1 3.0**
Hair Follicle, Cyst						X																			X	**2**
Site Of Application - Dermis, Fibrosis																										**1 3.0**
Site Of Application - Dermis, Inflammation	1	2	1	2	2	2	1	2	2	1	2	1	1	1	1	2	2	1	2	2	2	1	1	1	1	**49 1.4**
Site Of Application - Epidermis, Hyperkeratosis	2	2	2	2	2	2	1		3	1	3	3	2	2	2	2	3	1	3	3	3	3	2	2	3	**48 2.4**
Site Of Application - Epidermis, Hyperplasia	2	2	2	2	2	2	1	2	2	1	2	2	1	2	1	2	1	2	3	2	2	3	1	1	2	**49 1.8**
Site Of Application - Epidermis, Necrosis													1													**5 1.4**
Site Of Application - Epidermis, Ulcer																										**1 2.0**

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DAY ON TEST	072	072	072	072	072	072	073	073	065	049	073	072	065	073	049	073	073	056	065	073	066	072	072	066	072	
FISCHER 344 RATS FEMALE ANIMAL ID	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	004	
18 MG/KG	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**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage									3				2													**3 2.7**
Hydrocephalus													1													**3 1.0**
Peripheral Nerve									+																	**1**
Spinal Cord									+																	**1**
Hemorrhage									3																	**1 3.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation						1		2		1	1	2		1						1						**11 1.5**
Alveolar Epithelium, Hyperplasia												2								2						**8 1.3**
Alveolus, Infiltration Cellular, Histiocyte	1	1	1	1	1	1			1		1	1	1	1			1	2	1			1	1	1		**38 1.1**
Serosa, Inflammation																										**1 2.0**

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FISCHER 344 RATS FEMALE ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	*** TOTALS**
18 MG/KG																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	3										1	1					2			1						**9 1.8**
Polyp, Inflammatory																										**1 4.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract	3																					3				**7 2.4**
Retina, Atrophy	4																			2		4				**7 3.7**
Retina, Dysplasia																				2						**1 2.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia								2																		**1 2.0**
Inflammation		2															1									**5 1.2**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mineralization				1	1	1	1	1	1	1	1	1	1	1		1	1		1	1		1	1		1	**38 1.0**
Nephropathy	1	1			2	1		2	1	2	1	2	1	1		1	1			1	1	1	2	1	1	**37 1.2**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	072	072	072	072	072	072	073	073	065	049	073	072	065	073	049	073	073	056	065	073	066	072	072	066	072	
	9	9	9	9	9	9	0	0	3	9	0	9	6	0	6	0	0	9	2	0	4	9	9	4	9	
FISCHER 344 RATS FEMALE																										
ANIMAL ID	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	003	004	
18 MG/KG	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**

*** END OF REPORT ***

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