F1_R2

C Number:	C99020
Lock Date:	01/06/2006
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	2.0.0

DAY ON TEST	072	072	072	072	065	072	069	072	072	072	072	072	072	041	072	072	072	070	009	072	072	072	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	
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	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan											1															
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan												X										X				
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peyer's Patch, Hyperplasia																				2						
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	X	X						X	X		X	X					X	X			X		X			
Eosinophilic Focus											X															
Fatty Change							2																			
Hepatodiaphragmatic Nodule		X						X	X							X										
Inflammation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1	
Mixed Cell Focus	X		X								X	X												X		

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2) Mild 4) Marked

DAY ON TEST	0727	0728	0728	0727	0653	0728	0692	0727	0728	0727	0728	0727	0728	0412	0728	0728	0728	0701	0029	0728	0728	0723	0727	0728	0727
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...)**
Bile Duct, Hyperplasia	1	1		1	1	1	1	1	1	1	1	1	1			1	1	1		2			1	1	1
Centrilobular, Hepatocyte, Degeneration																						2			
Hepatocyte, Degeneration, Cystic																									
Portal, Fibrosis				1		1	1	1					1			1									
Mesentery											+		+							+					
Necrosis											3		3							3					
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy	1										2				1	1					3				
Acinus, Atypia Cellular	1																								
Acinus, Hyperplasia	3			2							3									1					
Duct, Cyst	1										1														
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																									
Hyperplasia									2																
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																								2	
Epithelium, Hyperplasia									2	1		2	1				1	1		1					1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation											1														

CARDIOVASCULAR SYSTEM

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

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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...)**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	3	3	3	2	2	2	1	3	3	3	2	2	2	3	3	3	3		2	3	3	2	2	3	
Artery, Inflammation											1															
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic																										
Hyperplasia	2						1		2		1	1	1			1				2	2		2	2	2	
Hypertrophy							1								1		2			3	2	2	2			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	3						2		1	1			2			2				2	2		2	1		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis		2																							3	
Pars Distalis, Cyst																				2						
Pars Distalis, Hyperplasia	1	3				2		2	3	2		2			3	1		1		2					2	
Pars Distalis, Pigmentation		1																								
Rathke's Cleft, Cyst																										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia	1	1		1		1	1		1		1	1	1		1	1	1	1		2						

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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	**males (cont...)**
Follicular Cell, Hyperplasia						1																				

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granuloma Sperm																										
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation						1		1												2						
Duct, Ectasia											3															
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation							2						2										2			
Epithelium, Hyperplasia		1	1			1					1							1		1						
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst																4										
Germinal Epithelium, Atrophy	3																					3				
Interstitial Cell, Hyperplasia														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	
0 MG/KG																										**males (cont...)**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia			1		4						2															
Lymph Node																										
Hematopoietic Cell Proliferation																										
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic													2													
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid																				2						
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																			3							
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										
Inflammation																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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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...)**
Inflammation, Chronic Active																										
Hair Follicle, Cyst																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion														3								3				
Hemorrhage																			2							
Metaplasia, Squamous																						1				
Alveolar Epithelium, Hyperplasia							3								2	1	1				2	1				
Alveolus, Inflammation, Histiocytic			2	2		1		1		1			1	1	1	2				1	1	1		1		
Serosa, Hyperplasia						2																				
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			2		3			2		2	2			2	1	2	3				2	1	1	2		
Goblet Cell, Hyperplasia				2						1																
Olfactory Epithelium, Degeneration																										
Olfactory Epithelium, Metaplasia, Respiratory							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	
0 MG/KG																										**males (cont...)**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			1				1																			
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																				2						
Epithelium, Hyperplasia	2														2											
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nephropathy	2	2	1	1	1	2	3	2	2	2	2	1	2		2	1	2	2		2	2	1	2	2	2	
Cortex, Mineralization																										
Pelvis, Dilatation																										
Renal Tubule, Pigmentation																										
Transitional Epithelium, Hyperplasia																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										

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FISCHER 344 RATS MALE ANIMAL ID	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**
0 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**1 1.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**2**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Peyer's Patch, Hyperplasia																										**1 2.0**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus	X	X	X	X	X	X	X	X			X	X	X			X		X	X		X	X		X		**36**
Clear Cell Focus	X	X	X		X		X	X			X					X		X	X		X			X		**22**
Eosinophilic Focus																										**1**
Fatty Change																										**1 2.0**
Hepatodiaphragmatic Nodule		X									X															**6**
Inflammation	1	1	1	1	1	1	1	1		2	1	1	1			1	1	1	1			1		1		**41 1.0**
Mixed Cell Focus			X		X													X						X		**9**

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DAY ON TEST	072 7	072 8	072 8	072 8	072 7	072 7	072 7	072 8	072 7	072 7	072 7	072 8	072 7	063 2	062 7	072 7	069 9	072 8	072 8	002 4	072 8	072 8	070 9	072 7	072 7	
FISCHER 344 RATS MALE ANIMAL ID	000 26	000 27	000 28	000 29	000 30	000 31	000 32	000 33	000 34	000 35	000 36	000 37	000 38	000 39	000 40	000 41	000 42	000 43	000 44	000 45	000 46	000 47	000 48	000 49	000 50	*** TOTALS**
0 MG/KG																										
Bile Duct, Hyperplasia				1	1	1	1					1	1	1		1						2		1		**29 1.1**
Centrilobular, Hepatocyte, Degeneration														2			3									**3 2.3**
Hepatocyte, Degeneration, Cystic							1																			**1 1.0**
Portal, Fibrosis					1		1																			**8 1.0**
Mesentery					+								+		+		+							+	+	**9**
Necrosis					2										3									3	3	**7 2.9**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Atrophy	1	2										1				2		1	2			3	1			**13 1.6**
Acinus, Atypia Cellular																										**1 1.0**
Acinus, Hyperplasia						2			3			2	2	3								2		1		**11 2.2**
Duct, Cyst									1												1					**4 1.0**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus														X												**1**
Hyperplasia																										**1 2.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		1																								**2 1.5**
Epithelium, Hyperplasia	1	1			1										2		1			1		2			1	**16 1.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**

CARDIOVASCULAR SYSTEM

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

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FISCHER 344 RATS MALE ANIMAL ID	006	007	008	009	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	*** TOTALS**
0 MG/KG																										
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	3	1	2	2	2	3	3	2	3	2	2	3	2	3		2	2	3			2	2	3			**44 2.4**
Artery, Inflammation																										**1 1.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic																								1		**1 1.0**
Hyperplasia	1		1	2	1	2	2			2			1	2	1	1	1						2	2	3	**27 1.6**
Hypertrophy							2		1	1														2		**11 1.7**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		1	2		1		1						2		2	2			2		1		2	2	2	**22 1.7**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Angiectasis																										**2 2.5**
Pars Distalis, Cyst	3																									**2 2.5**
Pars Distalis, Hyperplasia			2		2	1	1	2		2			1	2	3						2					**22 1.9**
Pars Distalis, Pigmentation																										**1 1.0**
Rathke's Cleft, Cyst									4																	**1 4.0**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	1	1		2	1	1	1	2	1		1			1		1		1	1		1	2	2	1	1	**32 1.2**

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

DAY ON TEST	072	072	072	072	072	072	072	072	072	072	072	072	072	063	062	072	069	072	072	002	072	072	070	072	072	
FISCHER 344 RATS MALE ANIMAL ID	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**
0 MG/KG																										
Follicular Cell, Hyperplasia																										**1 1.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Granuloma Sperm								2																2		**2 2.0**
Inflammation			2																							**1 2.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation						1					1		2		2			2				2				**9 1.6**
Duct, Ectasia	2																	2								**3 2.3**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		2			2											2						3		2	2	**9 2.1**
Epithelium, Hyperplasia	1	1		1		1	1	1											1			1		2		**15 1.1**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst																										**1 4.0**
Germinal Epithelium, Atrophy		1																								**3 2.3**
Interstitial Cell, Hyperplasia																										**1 2.0**

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DAY ON TEST	072	072	072	072	072	072	072	072	072	072	072	072	072	063	062	072	069	072	072	002	072	072	070	072	072	
FISCHER 344 RATS MALE ANIMAL ID	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**
0 MG/KG																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia						4			4		2				4		2						4		4	**10 3.1**
Lymph Node														+											+	**2**
Hematopoietic Cell Proliferation														1												**1 1.0**
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**
Degeneration, Cystic																										**1 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia, Lymphoid		3								2																**3 2.3**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 3.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		2																								**1 2.0**
Inflammation		2																								**1 2.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	072 7	072 8	072 8	072 8	072 7	072 7	072 7	072 8	072 7	072 7	072 7	072 8	072 7	063 2	062 7	072 7	069 9	072 8	072 8	002 4	072 8	072 8	070 9	072 7	072 7	
FISCHER 344 RATS MALE ANIMAL ID **0 MG/KG**	000 26	000 27	000 28	000 29	000 30	000 31	000 32	000 33	000 34	000 35	000 36	000 37	000 38	000 39	000 40	000 41	000 42	000 43	000 44	000 45	000 46	000 47	000 48	000 49	000 50	*** TOTALS**
Inflammation, Chronic Active																			3							**1 3.0**
Hair Follicle, Cyst	4																									**1 4.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion																										**2 3.0**
Hemorrhage																										**1 2.0**
Metaplasia, Squamous																										**1 1.0**
Alveolar Epithelium, Hyperplasia			2				1															1	3	3		**11 1.8**
Alveolus, Inflammation, Histiocytic	3	1	1			1	1	2	2			1	1	1		2	1				1			1		**27 1.3**
Serosa, Hyperplasia																				2						**2 2.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		2				1		3			2	3			1	2	3		1		2		1		2	**25 1.9**
Goblet Cell, Hyperplasia																1										**3 1.3**
Olfactory Epithelium, Degeneration															1											**1 1.0**
Olfactory Epithelium, Metaplasia, Respiratory							2																			**2 2.0**

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DAY ON TEST	072	072	072	072	072	072	072	072	072	072	072	072	072	063	062	072	069	072	072	002	072	072	070	072	072		
FISCHER 344 RATS MALE ANIMAL ID	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**	
0 MG/KG																											
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																											**2 1.0**
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																								2			**2 2.0**
Epithelium, Hyperplasia																						3					**3 2.3**
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Nephropathy	2	2	2	2	2	2	2	1	2	2	2	2	2	2		2	2	2	2		2	2	2	2			**45 1.9**
Cortex, Mineralization														1													**1 1.0**
Pelvis, Dilatation								2																			**1 2.0**
Renal Tubule, Pigmentation																	3										**1 3.0**
Transitional Epithelium, Hyperplasia							4																				**1 4.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation						1																					**1 1.0**

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DAY ON TEST	072	072	072	037	061	062	072	072	072	045	072	070	072	072	072	072	072	068	019	067	072	072	072	072	067	
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	
18.75 MG/KG																										**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Perforation				X																						
Periesophageal Tissue, Inflammation				2																						
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Inflammation																										
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan										X																
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peyer's Patch, Hyperplasia																					3					
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus									X	X																
Clear Cell Focus		X	X				X	X			X		X		X		X			X	X			X		
Congestion				2																						
Eosinophilic Focus																										

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FISCHER 344 RATS MALE

18.75 MG/KG

males (cont...)

DAY ON TEST	0728	0728	0727	0374	0611	0622	0727	0728	0727	0451	0728	0709	0728	0727	0728	0727	0727	0682	0199	0673	0727	0727	0728	0728	0672
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
Fatty Change				1		2								1				1							
Hepatodiaphragmatic Nodule	X																X								
Inflammation	1	1	1			1	1	1			1	1	1	2	1		1	1		1	1	1	1	1	
Mixed Cell Focus																	X			X					
Pigmentation, Bile																									
Arteriole, Inflammation																									
Bile Duct, Hyperplasia											1	1	1	2				1					1	1	
Hepatocyte, Cellular Alteration, Diffuse																									
Hepatocyte, Degeneration, Cystic																									
Hepatocyte, Necrosis																									
Portal, Fibrosis			1									1		1									1		
Mesentery		+							+											+	+				
Inflammation									3																
Necrosis		3																		3	3				
Oral Mucosa																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage					2																				
Acinus, Atrophy		2	1		1			2				1		1	1		1	1			1			1	1
Acinus, Hyperplasia			2				3			1													2		
Duct, Cyst														2			2	1				1			
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation						2												1							
Mineralization																									

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DAY ON TEST	728	728	727	374	611	622	727	728	727	451	728	709	728	727	728	727	727	682	199	673	727	727	728	728	672	
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	
18.75 MG/KG																										**males (cont...)**
Ulcer																										
Epithelium, Hyperplasia	1	1				2					1	1		2				1			1	1		1		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation															1			1								
Mineralization																										
Ulcer																										
Tongue																+										
Tooth																					+					
Peridontal Tissue, Inflammation																					2					
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	2	2	2	1	1	2	2	2		2	2	1	3	1	2		3	2		1	3	2		1	3	
Valve, Thrombosis																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation																										
Hyperplasia	2	1				1	1							1	2								1			
Hypertrophy	1		1															1		1	2			1		

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2) Mild 4) Marked

DAY ON TEST	728	728	727	374	611	622	727	728	727	451	728	709	728	727	728	727	727	682	199	673	727	727	728	728	672	
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	
18.75 MG/KG																										**males (cont...)**
Vacuolization Cytoplasmic																			2							
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	3	1	1			2			1				3	2				1			1	1		2		
Infiltration Cellular, Mononuclear Cell							1																			
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	M	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Hyperplasia						1	2	2	1			1	1		1		1	1				1		1		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia	2	1	1			1	1	2	1		2	1			1	1	2	1		2		1	1	1		

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granuloma Sperm																										
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			1						1												1	1		2	2	

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DAY ON TEST	072	072	072	037	061	062	072	072	072	045	072	070	072	072	072	072	072	068	019	067	072	072	072	072	067	
FISCHER 344 RATS MALE ANIMAL ID	005	005	005	005	005	005	005	005	005	006	006	006	006	006	006	006	006	006	006	007	007	007	007	007	007	
18.75 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...)**
Duct, Ectasia																										
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	2												2					2			2		3			
Epithelium, Hyperplasia															2							1	1			
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																					1					
Germinal Epithelium, Atrophy																					2				2	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia							2			4										2						
Lymph Node												+				+	+				+					
Mediastinal, Degeneration, Cystic																	3									
Mediastinal, Hyperplasia, Plasma Cell																					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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										

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BLANK .. Not examined microscopically

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2) Mild 4) Marked

FISCHER 344 RATS MALE 18.75 MG/KG																										males (cont...)
DAY ON TEST	072	072	072	037	061	062	072	072	072	045	072	070	072	072	072	072	072	068	019	067	072	072	072	072	067	
ANIMAL ID	051	052	053	054	055	056	057	058	059	060	061	062	063	064	065	066	067	068	069	070	071	072	073	074	075	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Depletion Cellular																										
Fibrosis														2												
Hyperplasia, Lymphoid							2																			
Thymus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation				2																						
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Duct, Dilatation																							3			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion		X															X				X			X		
Inflammation, Chronic Active																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage						2																				
Hydrocephalus																		2								

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
\+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
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1-4 .. Lesion qualified as:
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DAY ON TEST	728	728	727	374	611	622	727	728	727	451	728	709	728	727	728	727	727	682	199	673	727	727	728	728	672	
FISCHER 344 RATS MALE ANIMAL ID **18.75 MG/KG**	051	052	053	054	055	056	057	058	059	060	061	062	063	064	065	066	067	068	069	070	071	072	073	074	075	**males (cont...)**

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion				3																						
Inflammation																										
Alveolar Epithelium, Hyperplasia										2	1			2							2					
Alveolus, Inflammation, Histiocytic	1	1	1		1	1		1	1		1	1		1	1	1	1	1		1	1	1	1	1		
Arteriole, Inflammation																										
Interstitium, Mineralization																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					1			1		1		2		2	1	2	2		1		1					
Glands, Dilatation		1									2															
Olfactory Epithelium, Degeneration		1														1										
Olfactory Epithelium, Metaplasia, Respiratory																1	2							1		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation							1																		1	
Peritracheal Tissue, Inflammation				2																						

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	072	072	072	037	061	062	072	072	072	045	072	070	072	072	072	072	072	068	019	067	072	072	072	072	067	
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	
18.75 MG/KG																										**males (cont...)**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hydronephrosis																										
Inflammation																										
Nephropathy	2	2	2		1	1	2	1	2	1	2	1	1	2	2		3	2		1	3	2	2	2	1	
Cortex, Mineralization																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Inflammation																										
Ulcer																										
Transitional Epithelium, Hyperplasia																										

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DAY ON TEST	072	072	072	072	072	072	072	057	071	058	063	072	060	063	072	072	072	072	064	063	072	072	072	072	070	
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	
18.75 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**
Perforation																										**1**
Periesophageal Tissue, Inflammation																										**1 2.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																				2						**1 2.0**
Inflammation																				3						**1 3.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																										**1**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Peyer's Patch, Hyperplasia																										**1 3.0**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus	X						X											X								**5**
Clear Cell Focus	X	X		X		X	X									X		X	X			X		X	X	**22**
Congestion																										**1 2.0**
Eosinophilic Focus																						X	X			**2**

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FISCHER 344 RATS MALE

18.75 MG/KG

DAY ON TEST	728	728	728	727	728	727	728	570	713	580	632	727	605	638	728	727	728	727	644	639	727	728	728	727	701	
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
Fatty Change			3				1											1		1		1	2			10 1.4
Hepatodiaphragmatic Nodule								X				X						X			X					6
Inflammation	1	1		1	1	1	1					1	1	1		1	1	1	1	1		1	1	1	1	36 1.0
Mixed Cell Focus							X																			3
Pigmentation, Bile																						1				1 1.0
Arteriole, Inflammation								2																		1 2.0
Bile Duct, Hyperplasia	1	1		1	1								1		1			1					1			15 1.1
Hepatocyte, Cellular Alteration, Diffuse											2								2							2 2.0
Hepatocyte, Degeneration, Cystic																	1									1 1.0
Hepatocyte, Necrosis														3												1 3.0
Portal, Fibrosis	1																		1							6 1.0
Mesentery		+					+			+	+					+				+			+			11
Inflammation																										1 3.0
Necrosis		3					3			3						3				3			2			9 2.9
Oral Mucosa			+																							1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemorrhage																										1 2.0
Acinus, Atrophy	1	2		2			2		1					3	2	1				1		1	2		1	24 1.4
Acinus, Hyperplasia		1								2			2	1												8 1.8
Duct, Cyst	1																									5 1.4
Salivary Glands	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation																		1		3						4 1.8
Mineralization																			2							1 2.0

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DAY ON TEST	728	728	728	727	728	727	728	570	713	580	632	727	605	638	728	727	728	727	644	639	727	728	728	727	701	
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	
18.75 MG/KG																										*** TOTALS**
Ulcer											2									2						**2 2.0**
Epithelium, Hyperplasia			1	1		1		1	1			2						2	2	1		2	2			**21 1.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation			1																							**3 1.0**
Mineralization																			2							**1 2.0**
Ulcer			4																							**1 4.0**
Tongue																										**1**
Tooth																				+						**2**
Peridontal Tissue, Inflammation																										**1 2.0**

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	2	3		2	2	3	2	2	2	2	2		2	3	3	2	3	2	3	1	2	2	2	2	2	**44 2.1**
Valve, Thrombosis								1																		**1 1.0**

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hematopoietic Cell Proliferation																			1							**1 1.0**
Hyperplasia		2	2				1					2	1		2			2						1	1	**16 1.4**
Hypertrophy		1		1			2								2							2			1	**12 1.3**

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DAY ON TEST	072	072	072	072	072	072	072	057	071	058	063	072	060	063	072	072	072	072	064	063	072	072	072	072	070	
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	
18.75 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**
Vacuolization Cytoplasmic																										**1 2.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia				1		2			2				1		3	1						2			1	**19 1.6**
Infiltration Cellular, Mononuclear Cell																										**1 1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**44**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Hyperplasia					3	2	3	2	2			1			2		1	2	2			1	3	2		**24 1.6**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	1	2	1		1	2	1		1				1		1	1		2	1		1	1	2	1	1	**34 1.3**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Granuloma Sperm								3	3																	**2 3.0**
Inflammation													1													**1 1.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		1	1	1				1				1	1				2							2		**14 1.3**

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DAY ON TEST	072	072	072	072	072	072	072	057	071	058	063	072	060	063	072	072	072	072	064	063	072	072	072	072	070	
FISCHER 344 RATS MALE ANIMAL ID	007	007	007	007	008	008	008	008	008	008	008	008	008	008	009	009	009	009	009	009	009	009	009	009	010	
18.75 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**
Duct, Ectasia																								2		**1 2.0**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		3	2	2						2									3				2			**11 2.3**
Epithelium, Hyperplasia							1												2			1				**6 1.3**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																			2							**1 2.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Germinal Epithelium, Atrophy							2									4										**4 2.5**

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia											4	3			2						4				3	**8 3.0**
Lymph Node					+				+			+				+										**8**
Mediastinal, Degeneration, Cystic																4										**2 3.5**
Mediastinal, Hyperplasia, Plasma Cell					3							3														**3 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**
Hemorrhage																				3						**1 3.0**

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DAY ON TEST	072	072	072	072	072	072	072	057	071	058	063	072	060	063	072	072	072	072	064	063	072	072	072	072	070	
FISCHER 344 RATS MALE 18.75 MG/KG 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**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Depletion Cellular																						2				**1 2.0**
Fibrosis																						2				**2 2.0**
Hyperplasia, Lymphoid																									2	**2 2.0**
Thymus	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Inflammation																										**1 2.0**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Duct, Dilatation																										**1 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst Epithelial Inclusion													X							X						**6**
Inflammation, Chronic Active									2																	**1 2.0**

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage									3																	**2 2.5**
Hydrocephalus			1																							**2 1.5**

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DAY ON TEST	072	072	072	072	072	072	072	057	071	058	063	072	060	063	072	072	072	072	064	063	072	072	072	072	070	
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**
18.75 MG/KG																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion																										**1 3.0**
Inflammation																						1				**1 1.0**
Alveolar Epithelium, Hyperplasia	2	2	3				3										1									**9 2.0**
Alveolus, Inflammation, Histiocytic		1	1		1	1		2				1	2	1	1	1	1	1			1	1	1		1	**35 1.1**
Arteriole, Inflammation								2																		**1 2.0**
Interstitium, Mineralization																			1							**1 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		1		1	1		1	1	1					2		2				1	3	1		2	1	**23 1.4**
Glands, Dilatation																										**2 1.5**
Olfactory Epithelium, Degeneration									1						1										1	**5 1.0**
Olfactory Epithelium, Metaplasia, Respiratory																										**3 1.3**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation													1													**3 1.0**
Peritracheal Tissue, Inflammation																										**1 2.0**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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

DAY ON TEST	072	072	072	072	072	072	072	057	071	058	063	072	060	063	072	072	072	072	064	063	072	072	072	072	070	
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	
18.75 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**

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hydronephrosis																			2								**1 2.0**
Inflammation								3																			**1 3.0**
Nephropathy	1	2	3	2	1	2	4		3		1	2	2	3	2	1	2	2	2	1	2	2	2	2	2		**45 1.9**
Cortex, Mineralization									1										1								**2 1.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hemorrhage																			2								**1 2.0**
Inflammation																			2								**1 2.0**
Ulcer																			3								**1 3.0**
Transitional Epithelium, Hyperplasia																			2								**1 2.0**

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DAY ON TEST	0727	0697	0637	0701	0727	0727	0728	0727	0728	0705	0727	0728	0456	0641	0727	0636	0594	0725	0727	0632	0728	0728	0673	0728	0728	
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	
37.5 MG/KG																										**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation				2																						
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			3																							
Parasite Metazoan																										
Ulcer			3																							
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Diverticulum		X																								
Inflammation																								3		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis													2													
Basophilic Focus																						X				
Clear Cell Focus					X	X				X	X				X				X				X			

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FISCHER 344 RATS MALE
37.5 MG/KG

males (cont...)

DAY ON TEST	072	069	063	070	072	072	072	072	072	070	072	072	045	064	072	063	059	072	072	063	072	072	067	072	072
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
Eosinophilic Focus			X								X			X					X		X	X	X		
Fatty Change		2									1	1	1	2	2	1		2			1	1		1	
Hematopoietic Cell Proliferation																							1		
Hepatodiaphragmatic Nodule																							X		
Inflammation	1	2	1	1	1	1	1	1	1		1	2	1	1	1	1	1		2	1	1	1	1	1	1
Mixed Cell Focus			X					X			X			X	X										
Thrombosis																									
Bile Duct, Crystals																								4	
Bile Duct, Cyst	2								4		3								3			1	1		
Bile Duct, Hyperplasia	2		2	1	1	1	2	1	1		1	2		1	2	1			1	2	1	2	3	2	3
Centrilobular, Hepatocyte, Degeneration																	2								
Hepatocyte, Cellular Alteration, Diffuse	1		1	2		1								2	1		1		1		1		2		1
Hepatocyte, Degeneration, Cystic			1												1										
Hepatocyte, Necrosis		2	1									1											1		
Kupffer Cell, Pigmentation, Hemosiderin																				1					
Oval Cell, Hyperplasia	1														1						1		2	1	1
Portal, Fibrosis	1		1						1						1							1	2	1	2
Mesentery		+						+				+			+				+					+	
Necrosis		3						3				3			3				3					3	
Oral Mucosa	+												+												
Pharyngeal, Cyst													4												
Pharyngeal, Hyperplasia	4																								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Acinus, Atrophy	1				2		1			1	2	1		2					2		1			2	1
Acinus, Hyperplasia				2				2																	
Duct, Cyst																					1				

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DAY ON TEST	0727	0697	0637	0701	0727	0727	0728	0727	0728	0705	0727	0728	0456	0641	0727	0636	0594	0725	0727	0632	0728	0728	0673	0728	0728	
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	
37.5 MG/KG																										**males (cont...)**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	2			1										1			2	2								
Ulcer			4	2										1				4								
Epithelium, Hyperplasia	3		3	2				1				1	1	3			1	3					2		2	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																										
Inflammation																		1								
Mineralization			3																				2			
Epithelium, Hyperplasia												1														
Tongue									+									+								

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization			2																							
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	3	3	3	2	2	2	2	1	2	3	3	2	1	3	3	3		3	3	3	3	3	2	2	3	
Mineralization			3																							
Atrium, Thrombosis																										
Endocardium, Bacterium	X	X																								
Endocardium, Inflammation		2																								

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DAY ON TEST	072	069	063	070	072	072	072	072	072	070	072	072	045	064	072	063	059	072	072	063	072	072	067	072	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	
37.5 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...)**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic															2			3								
Hyperplasia	1		2		2	3	1	2		2			1		2	1		1	1	2	1	3			1	
Hypertrophy															2	2					2		3		1	
Vacuolization Cytoplasmic																	2									
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	3		2	3	2	3					1	2		1	2		2	1			3	3	3		1	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	
Hyperplasia			2												2								3			
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst																			3							
Pars Distalis, Hyperplasia	1		1	1	3					2	2								3		2		3			
Pars Intermedia, Cyst																										
Thyroid Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	+	A	+	+	+	+	+	
C-cell, Hyperplasia				1	1	1	1		1		2	1			1				1		1	1	1	1	1	

GENERAL BODY SYSTEM

NONE

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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	
37.5 MG/KG																										**males (cont...)**
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granuloma Sperm																	2									
Inflammation																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	2			1																	1	2	1			
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																			2							
Inflammation															2	2				2	2	2				
Epithelium, Cyst	2																									
Epithelium, Hyperplasia				1	1		1																		1	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																			2							
Epithelium, Hyperplasia																					2					
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																		1				1				
Germinal Epithelium, Atrophy				4														2				2				
Interstitial Cell, Hyperplasia													1													
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	727	697	637	701	727	727	728	727	728	705	727	728	456	641	727	636	594	725	727	632	728	728	673	728	728	
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	
37.5 MG/KG																										**males (cont...)**
Hyperplasia				2	1	1				2													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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Histiocyte																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Congestion		3																								
Fibrosis								2																		
Hyperplasia, Lymphoid						2		1																		
Hyperplasia, Reticulum Cell																									1	
Infarct																										
Thrombosis																										
Lymphoid Follicle, Depletion Cellular																										
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy													3													

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Duct, Dilatation																3						4				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion																										

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DAY ON TEST	727	697	637	701	727	727	728	727	728	705	727	728	456	641	727	636	594	725	727	632	728	728	673	728	728	
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	
37.5 MG/KG																										**males (cont...)**
Dermis, Fibrosis																					2					
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy			3																				3			
Skeletal Muscle																										
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Cerebrum, Compression																										
Cerebrum, Necrosis																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Edema										2																
Hemorrhage		3																								
Inflammation		2																								
Inflammation, Chronic Active																										
Necrosis														3												
Alveolar Epithelium, Hyperplasia									2					2					2				1			
Alveolus, Inflammation, Histiocytic	1		1		1		2	1	1		1	2		1	1	1			2	2	1	1	1	1	1	
Arteriole, Inflammation		2																								

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DAY ON TEST	0727	0697	0637	0701	0727	0727	0728	0727	0728	0705	0727	0728	0456	0641	0727	0636	0594	0725	0727	0632	0728	0728	0673	0728	0728
FISCHER 344 RATS MALE 37.5 MG/KG 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...)																									
Arteriole, Necrosis		2																							
Interstitium, Mineralization			2																				1		
Nose	+	A	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Inflammation	2		1		2	3		3	1						2	2	3	2	1			1	1		1
Glands, Dilatation																									
Olfactory Epithelium, Degeneration	1		2	1	2	2	2				1	2				2		3		2	2	2		1	1
Olfactory Epithelium, Metaplasia, Respiratory																									
Respiratory Epithelium, Hyperplasia																									
Turbinate, Inflammation																	2								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			1										1			1									
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Epithelium, Hyperplasia								2	3													2			
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																							2		

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DAY ON TEST	072	069	063	070	072	072	072	072	072	070	072	072	045	064	072	063	059	072	072	063	072	072	067	072	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	
37.5 MG/KG																										**males (cont...)**
Glomerulopathy, Hyaline			2	1							1							1						1		
Inflammation		2								2																
Nephropathy	4	1	4	4	3	3	2	3	4	1	3	4	1	3	4	2	2	4	3	2	4	4	4	4	4	
Thrombosis		3																								
Cortex, Mineralization			2														1									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	072	072	072	060	046	072	072	068	070	063	045	072	072	067	072	072	072	072	059	065	072	072	072	072	068		
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		
37.5 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**	
ALIMENTARY SYSTEM																											
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Inflammation	1							1	1						1				1								**6 1.2**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																											**1 3.0**
Parasite Metazoan												X															**1**
Ulcer																											**1 3.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																			1								**1 1.0**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Diverticulum																											**1**
Inflammation																											**1 3.0**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Angiectasis																											**1 2.0**
Basophilic Focus	X																										**2**
Clear Cell Focus	X	X	X			X						X	X		X	X	X				X	X	X	X			**20**

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FISCHER 344 RATS MALE

37.5 MG/KG

DAY ON TEST	072	072	072	060	046	072	072	068	070	063	045	072	072	067	072	072	072	072	059	065	072	072	072	072	068	
ANIMAL ID	006	007	008	009	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	* TOTALS
Eosinophilic Focus				X				X				X	X		X											12
Fatty Change	1	2	2		1	1	1	3	1			2	2		1	1		1					1	1	1	27 1.4
Hematopoietic Cell Proliferation																										1 1.0
Hepatodiaphragmatic Nodule					X																					2
Inflammation	1	1	1	1	1	1	3		1		1	1	2		2	1	2	2			1		2	1		41 1.2
Mixed Cell Focus						X							X			X		X						X		10
Thrombosis							2																			1 2.0
Bile Duct, Crystals																										1 4.0
Bile Duct, Cyst		1	3					3															2	1		11 2.2
Bile Duct, Hyperplasia	1	2	2	1		1		1	3			1	1		3	1	1	1	1			1	1	1		37 1.5
Centrilobular, Hepatocyte, Degeneration																										1 2.0
Hepatocyte, Cellular Alteration, Diffuse				1			2	2	2		1			2	1				2	2					1	21 1.4
Hepatocyte, Degeneration, Cystic													2													3 1.3
Hepatocyte, Necrosis							1					1														6 1.2
Kupffer Cell, Pigmentation, Hemosiderin																										1 1.0
Oval Cell, Hyperplasia									2						1											8 1.3
Portal, Fibrosis		1	1												1		1							1		13 1.2
Mesentery												+				+	+				+				+	11
Necrosis												3				3	3				3					10 3.0
Oral Mucosa							+																			3
Pharyngeal, Cyst																										1 4.0
Pharyngeal, Hyperplasia																										1 4.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation							2																			1 2.0
Acinus, Atrophy		2	1					1			1	1					2	1			1		1			20 1.4
Acinus, Hyperplasia		1											2		2		1							3		7 1.9
Duct, Cyst																										1 1.0

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DAY ON TEST	072	072	072	060	046	072	072	068	070	063	045	072	072	067	072	072	072	072	059	065	072	072	072	072	068		
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		
37.5 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**	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation					2		2	3																			**8 1.9**
Ulcer					3		4	4																			**7 3.1**
Epithelium, Hyperplasia					2		3	3	2	1			1					2			1		3				**20 2.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Erosion										2									3								**2 2.5**
Inflammation																											**1 1.0**
Mineralization			1			2																					**4 2.0**
Epithelium, Hyperplasia																											**1 1.0**
Tongue																										**2**	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Mineralization																											**1 2.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	3	3	2	2	2		3	2	3	1	1	2	3	1	2	2	2	2	1	1	1	2	2	2	2		**48 2.2**
Mineralization																											**1 3.0**
Atrium, Thrombosis																			4								**1 4.0**
Endocardium, Bacterium																											**2**
Endocardium, Inflammation																											**1 2.0**

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DAY ON TEST	072	072	072	060	046	072	072	068	070	063	045	072	072	067	072	072	072	072	059	065	072	072	072	072	068	
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	
37.5 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**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic																										**2 2.5**
Hyperplasia	1		1			2						1			2			1			1					**23 1.5**
Hypertrophy		1	1		1	2	1	1			1		2	2		2					1					**16 1.6**
Vacuolization Cytoplasmic																										**1 2.0**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		1	2					1	1	1		1	1	2	2	2	3	4			1	2	2			**30 1.9**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	**45**
Hyperplasia																										**3 2.3**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst																										**1 3.0**
Pars Distalis, Hyperplasia				1					2	3						1	2		1	2		2	2			**18 1.9**
Pars Intermedia, Cyst																3										**1 3.0**
Thyroid Gland	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	**44**
C-cell, Hyperplasia					1			2		1	1	1		1	1	1	1			2	1	1	1	1		**28 1.1**

GENERAL BODY SYSTEM

NONE

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DAY ON TEST	072	072	072	060	046	072	072	068	070	063	045	072	072	067	072	072	072	072	059	065	072	072	072	072	068		
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		
37.5 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**	
GENITAL SYSTEM																											
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Granuloma Sperm				2																							**2 2.0**
Inflammation																		1									**1 1.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation					1				1	1					1		1	1			1			2			**13 1.2**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy																											**1 2.0**
Inflammation	2		2					3		2								2									**10 2.1**
Epithelium, Cyst			2																								**2 2.0**
Epithelium, Hyperplasia		2				1	1		1				1		1		1							1			**12 1.1**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Atrophy																											**1 2.0**
Epithelium, Hyperplasia																											**1 2.0**
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																											**2 1.0**
Germinal Epithelium, Atrophy																					2	2					**5 2.4**
Interstitial Cell, Hyperplasia																					2						**2 1.5**
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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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	
37.5 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**
Hyperplasia							2				3								2	3						**9 2.0**
Lymph Node										+				+											+	**3**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Infiltration Cellular, Histiocyte																									2	**1 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Congestion																										**1 3.0**
Fibrosis																										**1 2.0**
Hyperplasia, Lymphoid																										**2 1.5**
Hyperplasia, Reticulum Cell																										**1 1.0**
Infarct										3																**1 3.0**
Thrombosis							3																			**1 3.0**
Lymphoid Follicle, Depletion Cellular															3											**1 3.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	**48**
Atrophy																										**1 3.0**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Duct, Dilatation																					3					**3 3.3**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst Epithelial Inclusion														3												**1 3.0**

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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	
37.5 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**
Dermis, Fibrosis																										**1 2.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrous Osteodystrophy																										**2 3.0**
Skeletal Muscle																									+	**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																				3						**1 3.0**
Cerebrum, Compression								3																		**1 3.0**
Cerebrum, Necrosis										2																**1 2.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Edema																										**1 2.0**
Hemorrhage																										**1 3.0**
Inflammation																										**1 2.0**
Inflammation, Chronic Active																			2							**1 2.0**
Necrosis																										**1 3.0**
Alveolar Epithelium, Hyperplasia	2								1		2						2		1			1		1		**11 1.5**
Alveolus, Inflammation, Histiocytic	1	1	1	2		1	1	1	1		1	1	1	1	1	1	1				1	1	2	1		**37 1.2**
Arteriole, Inflammation																										**1 2.0**

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DAY ON TEST	072	072	072	060	046	072	072	068	070	063	045	072	072	067	072	072	072	072	059	065	072	072	072	072	068	
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	
37.5 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**
Arteriole, Necrosis																										**1 2.0**
Interstitium, Mineralization																										**2 1.5**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	**46**
Inflammation	2					1	2	2	1		1	1		1	2	1	1		1	2	2	2	2			**30 1.6**
Glands, Dilatation															2											**1 2.0**
Olfactory Epithelium, Degeneration		2	1	1		1	2		1		1	2	1	1	2	2	2	2	2	1			2	2		**33 1.6**
Olfactory Epithelium, Metaplasia, Respiratory						1					1	1	1			1							1			**6 1.0**
Respiratory Epithelium, Hyperplasia										2																**1 2.0**
Turbinate, Inflammation																										**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**3 1.0**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation										1															2	**2 1.5**
Epithelium, Hyperplasia													2		3											**5 2.4**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst		3																								**2 2.5**

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DAY ON TEST	072	072	072	060	046	072	072	068	070	063	045	072	072	067	072	072	072	072	059	065	072	072	072	072	068	
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	
37.5 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**
Glomerulopathy, Hyaline							1													1		1	1			**9 1.1**
Inflammation																										**2 2.0**
Nephropathy	3	3	3	3	1	3	4	4	4	1	1	3	4	1	4	3	3	4	1	2	2	4	4	4	1	**50 2.9**
Thrombosis																										**1 3.0**
Cortex, Mineralization																										**2 1.5**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	0414	0602	0615	0533	0703	0503	0650	0476	0591	0511	0377	0545	0510	0490	0587	0605	0547	0360	0360	0407	0535	0525	0684	0366	0570	
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	
75 CHG 0 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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation			3	1		2				1				1		2	2				4	4				
Mineralization										1							1				2	2				
Ulcer			4														1					4				
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																		1								
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan																										
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																								2		
Inflammation																								2		
Ulcer											3															
Epithelium, Hyperplasia																		2								
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus			X																							

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FISCHER 344 RATS MALE

75 CHG 0 MG/KG

males (cont...)

DAY ON TEST	0414	0602	0615	0533	0703	0503	0650	0476	0591	0511	0377	0545	0510	0490	0587	0605	0547	0360	0360	0407	0535	0525	0684	0366	0570
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
Bile Stasis																								2	
Clear Cell Focus																									
Eosinophilic Focus																			X	X					
Fatty Change																					1				
Hepatodiaphragmatic Nodule														X							X				
Inflammation	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	3	1	1	1	1	2	1	2	1	2
Mixed Cell Focus																									
Bile Duct, Cyst																2				1			1		
Bile Duct, Hyperplasia	3	4	3	3	3	2	4	3	3	2	4	3	3	3	4	2	3	3	2	2	3	2	4	1	3
Hepatocyte, Cellular Alteration, Diffuse	2	2	2	2			1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
Hepatocyte, Necrosis	2			2			2				3			1						1			2	2	
Oval Cell, Hyperplasia	2	2	2	2	2	2	2	2	2	1	2	1	3	2	2	1	2	1		1	1	1	2		2
Portal, Fibrosis	2	2	1	2		2	2	2	2	1	2	1	1	1	2	2	2	1		2	1	2	1		1
Mesentery				+								+													
Hemorrhage				3																					
Mineralization												3													
Necrosis																									
Thrombosis												3													
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy							1			1				2	1			2			1	1	1		
Acinus, Hyperplasia																									
Duct, Cyst										1											2				
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																	3								

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DAY ON TEST	0414	0602	0615	0533	0703	0503	0650	0476	0591	0511	0377	0545	0510	0490	0587	0605	0547	0360	0360	0407	0535	0525	0684	0366	0570
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
75 CHG 0 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	3								1		2						3	2	2	3				1	
Mineralization		2					2		2			2													
Perforation																									
Ulcer	4										3								3	4					
Epithelium, Hyperplasia	3			1							2	1		1				2	3	3				3	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation									1		2							1							
Mineralization		2		1			2	1	2			2	2	1	2	2	2				2	1	2		2
Serosa, Inflammation	1																								
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																									
Mineralization		3	1	2			2	2	2	2		2	1	1	2	2	2					2	2		2
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	1	1	2	2	2	1	3	3	2	3	2	2	2	3	2	2	2	1	2	2	2	3	2	2	2
Mineralization		2					3		2	2	2	2	1		2		1	1	1			1	3	1	2
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia					2		2		1	2	2				2	2	1	1		1	1			1	2
Hypertrophy					3			1		1					1									1	

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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	
75 CHG 0 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...)**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia			1	2	2	2	2	1	2	1		1		2	3	3	2	1		1	2	1	1		2	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia														2												
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	1	3	2	3		2	3	2	3	3	2	3	3	2	3	2	3	1		1	3	3	3	1	2	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst																										
Pars Distalis, Hyperplasia			1		2			1		1				1		2	2			1			2			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia			1				2	1	1									1		1	1					
Follicle, Cyst																										

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland				+																						
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis																										
Granuloma Sperm																	3									

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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	
75 CHG 0 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			2				2																			
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																						1			1	
Mineralization																						1				
Duct, Ectasia												2														
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation						2												2								
Mineralization							2																			
Epithelium, Hyperplasia								1	1			1														
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Mineralization												2														
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization																										
Germinal Epithelium, Atrophy							3						2													
Interstitial Cell, Hyperplasia																										

HEMATOPOIETIC SYSTEM

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

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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	
75 CHG 0 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...)**
Mediastinal, Hemorrhage		3																								
Mediastinal, Infiltration Cellular, Histiocyte																										
Pancreatic, Degeneration, Cystic																										
Pancreatic, Hemorrhage																										
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosis																										
Hemorrhage																										
Infiltration Cellular, Histiocyte																									2	
Mineralization							2																			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	
Atrophy		4																								
Ectopic Parathyroid Gland																										
Mineralization														1												

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion																										

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FISCHER 344 RATS MALE ANIMAL ID	0015	0015	0015	0015	0015	0015	0015	0015	0015	0016	0016	0016	0016	0016	0016	0016	0016	0016	0016	0017	0017	0017	0017	0017	0017	
75 CHG 0 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...)**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy	1	2	2	2	1	2	2	2	3	3		3	2	3	3	2	3			1	1	2	3		2	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Meninges, Inflammation																						2				
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Alveolar Epithelium, Hyperplasia										2	1												1		1	
Alveolus, Inflammation, Histiocyte											1															
Alveolus, Inflammation, Histiocytic	1	2	1	1	1	1		1	1	1		1	1	1	1	1	1	1			1	2	2	1	1	
Interstitium, Mineralization		2					2		3	2		1			2		2					2	1		1	
Vein, Inflammation																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1	1					2				1	2	2	2		1		2				3	1	1		
Glands, Dilatation																										
Olfactory Epithelium, Degeneration	1					1	1		2	1			2						2			2		2	2	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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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	
75 CHG 0 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				1											
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation							2		2																	
Synechia							2																			
Cornea, Inflammation									2																	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Mononuclear Cell											3															
Epithelium, Hyperplasia											2					2										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst				2			3						2			2	2									
Glomerulopathy, Hyaline				1		1	2		1	2		1	2	2			1				1	2			2	
Nephropathy	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Cortex, Mineralization		3	2	2			3	3	2	2		2	3		2	1	3					2	2		1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										

DAY ON TEST	050 3	063 4	040 7	049 9	049 7	039 4	053 2	072 7	053 9	041 4	040 7	040 1	041 4	056 1	056 1	072 8	063 5	067 3	050 2	039 3	038 8	036 6	062 2	040 7	040 7	
FISCHER 344 RATS MALE ANIMAL ID	001 7 6	001 7 7	001 7 8	001 7 9	001 8 0	001 8 1	001 8 2	001 8 3	001 8 4	001 8 5	001 8 6	001 8 7	001 8 8	001 8 9	001 9 0	001 9 1	001 9 2	001 9 3	001 9 4	001 9 5	001 9 6	001 9 7	001 9 8	001 9 9	002 0 0	*** TOTALS**
75 CHG 0 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	1	1	1						2		1	1		1				2		1		1	3		1	**21 1.7**
Mineralization																										**4 1.5**
Ulcer																										**3 3.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan																X										**1**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion																					2					**2 2.0**
Inflammation																										**1 2.0**
Ulcer																										**1 3.0**
Epithelium, Hyperplasia																										**1 2.0**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus																				X						**2**

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FISCHER 344 RATS MALE

75 CHG 0 MG/KG

DAY ON TEST	050 3	063 4	040 7	049 9	049 7	039 4	053 2	072 7	053 9	041 4	040 7	040 1	041 4	056 1	056 1	072 8	063 5	067 3	050 2	039 3	038 8	036 6	062 2	040 7	040 7	
ANIMAL ID	001 76	001 77	001 78	001 79	001 80	001 81	001 82	001 83	001 84	001 85	001 86	001 87	001 88	001 89	001 90	001 91	001 92	001 93	001 94	001 95	001 96	001 97	001 98	001 99	002 00	* TOTALS
Bile Stasis																										**1 2.0**
Clear Cell Focus																X										**1**
Eosinophilic Focus																X										**3**
Fatty Change																							1			**2 1.0**
Hepatodiaphragmatic Nodule																				X						**3**
Inflammation	2	2	1		2		2		1	1	2	1	1	1	1	1	1		1	1	1	1	1	1	1	**46 1.3**
Mixed Cell Focus											X															**1**
Bile Duct, Cyst								2	3		4					2	2						2			**9 2.1**
Bile Duct, Hyperplasia	4	4	3	3	3	3	2	4	3	3	2	3	3	4	3	3	4	4	3	2	3	3	3	4	2	**50 3.0**
Hepatocyte, Cellular Alteration, Diffuse	2	2	2	1	1	1	1	2	2	2	2	3	2	1	1		1	1		2	2	2	2	2	2	**46 1.8**
Hepatocyte, Necrosis					2	2		2	2			1								1				2	1	**16 1.8**
Oval Cell, Hyperplasia	2	2	1	1	1	1	1	2	1	1			1	2	1		2	2	1	1	1	1	2	2		**44 1.6**
Portal, Fibrosis	2	2	1		1		2	2	1	1		2	1	2	2	1	1	2	1	1	1		1	2	2	**43 1.5**
Mesentery			+																						+	**4**
Hemorrhage																										**1 3.0**
Mineralization																										**1 3.0**
Necrosis			3																						3	**2 3.0**
Thrombosis																										**1 3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Atrophy			1						2			1		1		1	1	1		1		2	1			**18 1.2**
Acinus, Hyperplasia																			1							**1 1.0**
Duct, Cyst			1						2												1					**5 1.4**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy							1																			**1 1.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion																										**1 3.0**

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DAY ON TEST	0503	0634	0407	0499	0497	0394	0532	0727	0539	0414	0407	0401	0414	0561	0561	0728	0635	0673	0502	0393	0388	0366	0622	0407	0407	
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**
75 CHG 0 MG/KG																										
Inflammation						3		1	3	2	3	3	1			1		1	1	2	3	3		3	2	**23 2.1**
Mineralization																										**4 2.0**
Perforation			X								X										X	X			X	**5**
Ulcer		1	4						3	1	4	3							2	3	4	4		3	4	**16 3.1**
Epithelium, Hyperplasia			3			3			2	2	2	3	2				2		2	2	2	3		2	3	**23 2.3**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																		1		1	1					**6 1.2**
Mineralization		2					1	1	3					1				2								**21 1.7**
Serosa, Inflammation																										**1 1.0**

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Dilatation																		3								**1 3.0**
Mineralization	2	3					2	2	3					1				3					1			**24 2.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	3	3	2	3	3	2	2	2	2	2	2	3	3	2	2	3	2	3	3	2	1	3	3	3	2	**50 2.2**
Mineralization	1	2	1				1	1	2									2	1							**23 1.6**

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia		2	3				1						1						2							**18 1.6**
Hypertrophy								2							2	1		2								**9 1.6**

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DAY ON TEST	0503	0634	0407	0499	0497	0394	0532	0727	0539	0414	0407	0401	0414	0561	0561	0728	0635	0673	0502	0393	0388	0366	0622	0407	0407	
FISCHER 344 RATS MALE 75 CHG 0 MG/KG 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**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	2	2	2		1			2	2				2		2	3		1	2				2			**31 1.8**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 2.0**
Parathyroid Gland	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Hyperplasia		3	3	1	3		3	2	3					3		3	3	3	3				2			**36 2.5**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst																	2									**1 2.0**
Pars Distalis, Hyperplasia								1	1				2	2									1			**14 1.4**
Thyroid Gland	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	**47**
C-cell, Hyperplasia			1					1	1	1	1	1	1	1	1	2		1				1		1		**20 1.1**
Follicle, Cyst	2																									**1 2.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland																										**1**
Epididymis	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Fibrosis																2										**1 2.0**
Granuloma Sperm																2										**2 2.5**

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DAY ON TEST	050 3	063 4	040 7	049 9	049 7	039 4	053 2	072 7	053 9	041 4	040 7	040 1	041 4	056 1	056 1	072 8	063 5	067 3	050 2	039 3	038 8	036 6	062 2	040 7	040 7	
FISCHER 344 RATS MALE 75 CHG 0 MG/KG ANIMAL ID	001 76	001 77	001 78	001 79	001 80	001 81	001 82	001 83	001 84	001 85	001 86	001 87	001 88	001 89	001 90	001 91	001 92	001 93	001 94	001 95	001 96	001 97	001 98	001 99	002 00	*** TOTALS**
Inflammation																										**2 2.0**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation	3				1				1				1							2			2			**8 1.5**
Mineralization																										**1 1.0**
Duct, Ectasia																										**1 2.0**
Prostate	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation		1																								**3 1.7**
Mineralization																										**1 2.0**
Epithelium, Hyperplasia																										**3 1.0**
Seminal Vesicle	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Inflammation		2																								**1 2.0**
Mineralization																										**1 2.0**
Testes	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Mineralization									2																	**1 2.0**
Germinal Epithelium, Atrophy	4	3																								**4 3.0**
Interstitial Cell, Hyperplasia																				2						**1 2.0**

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia						3		2															3			**6 2.8**
Lymph Node		+	+						+	+											+					**6**
Deep Cervical, Hemorrhage			3						2																	**2 2.5**

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DAY ON TEST	050 3	063 4	040 7	049 9	049 7	039 4	053 2	072 7	053 9	041 4	040 7	040 1	041 4	056 1	056 1	072 8	063 5	067 3	050 2	039 3	038 8	036 6	062 2	040 7	040 7	
FISCHER 344 RATS MALE ANIMAL ID	001 7 6	001 7 7	001 7 8	001 7 9	001 8 0	001 8 1	001 8 2	001 8 3	001 8 4	001 8 5	001 8 6	001 8 7	001 8 8	001 8 9	001 9 0	001 9 1	001 9 2	001 9 3	001 9 4	001 9 5	001 9 6	001 9 7	001 9 8	001 9 9	002 0 0	*** TOTALS**
75 CHG 0 MG/KG																										
Mediastinal, Hemorrhage										2																**2 2.5**
Mediastinal, Infiltration Cellular, Histiocyte																					2					**1 2.0**
Pancreatic, Degeneration, Cystic		2																								**1 2.0**
Pancreatic, Hemorrhage									3																	**1 3.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis					2			2																		**2 2.0**
Hemorrhage					2																					**1 2.0**
Infiltration Cellular, Histiocyte																										**1 2.0**
Mineralization																										**1 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	**47**
Atrophy																										**1 4.0**
Ectopic Parathyroid Gland		2																								**1 2.0**
Mineralization																										**1 1.0**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst Epithelial Inclusion																							X			**1**

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DAY ON TEST	050	063	040	049	049	039	053	072	053	041	040	040	041	056	056	072	063	067	050	039	038	036	062	040	040		
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		
75 CHG 0 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**	
Fibrous Osteodystrophy	3	3	1		3		3	2	3					3		2		2	3				3	1			**34 2.3**
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Meninges, Inflammation																											**1 2.0**
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hemorrhage																		2									**1 2.0**
Alveolar Epithelium, Hyperplasia	2	2						1	1					1				2		2							**11 1.5**
Alveolus, Inflammation, Histiocyte																											**1 1.0**
Alveolus, Inflammation, Histiocytic	1		1	2	1		1	1		1				1	1	1	1	1	1	1					1		**36 1.1**
Interstitium, Mineralization	1	1					1	1	2									1									**16 1.6**
Vein, Inflammation				2																							**1 2.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation			2		1	2	2	2	2	2				1	1	2		2	1	2	3	1	1				**28 1.6**
Glands, Dilatation	1																										**1 1.0**
Olfactory Epithelium, Degeneration	2			2		3		2	2			1	1							1					1		**19 1.6**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	

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DAY ON TEST	050 3	063 4	040 7	049 9	049 7	039 4	053 2	072 7	053 9	041 4	040 7	040 1	041 4	056 1	056 1	072 8	063 5	067 3	050 2	039 3	038 8	036 6	062 2	040 7	040 7		
FISCHER 344 RATS MALE ANIMAL ID	001 7 6	001 7 7	001 7 8	001 7 9	001 8 0	001 8 1	001 8 2	001 8 3	001 8 4	001 8 5	001 8 6	001 8 7	001 8 8	001 8 9	001 9 0	001 9 1	001 9 2	001 9 3	001 9 4	001 9 5	001 9 6	001 9 7	001 9 8	001 9 9	002 0 0	*** TOTALS**	
75 CHG 0 MG/KG																											
Inflammation																									2	**3**	**1.3**
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Inflammation																		2								**3**	**2.0**
Synechia																										**1**	**2.0**
Cornea, Inflammation																	1									**2**	**1.5**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Infiltration Cellular, Mononuclear Cell																										**1**	**3.0**
Epithelium, Hyperplasia			2							2		2								2						**6**	**2.0**
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cyst																2	2									**7**	**2.1**
Glomerulopathy, Hyaline	1			2	2	1	3		1					1		2	2	1	3				2			**24**	**1.6**
Nephropathy	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	**50**	**4.0**
Cortex, Mineralization	2	2					2		3					1				1								**21**	**2.1**
Urinary Bladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**	
Inflammation	3																									**1**	**3.0**

*** END OF MALE DATA ***

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DAY ON TEST	049	072	060	069	072	072	058	072	060	067	072	067	072	072	072	072	072	072	072	068	072	030	072	072	063	
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	
0 MG/KG																										**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan						X																				
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan					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	X	
Clear Cell Focus							X		X				X	X		X										
Fatty Change	3						1							1		1										
Hepatodiaphragmatic Nodule		X																						X		
Inflammation	1	2				1			1		1	1	1	2	2	1	1	1		2	1	2	1	1		
Mixed Cell Focus												X	X			X										
Bile Duct, Cyst					3																					
Bile Duct, Hyperplasia				1							1		1			1										

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DAY ON TEST	0495	0728	0604	0693	0729	0729	0581	0728	0607	0674	0728	0674	0728	0728	0729	0729	0728	0729	0729	0688	0729	0309	0728	0729	0634
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
0 MG/KG																									**females (cont...)**
Hepatocyte, Necrosis														1						2			1		
Mesentery							+			+				+		+									
Necrosis										3				3		3									
Oral Mucosa																									
Pharyngeal, Hyperplasia																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Atrophy	1						2		1	1														1	1
Acinus, Hyperplasia								2								1									
Duct, Cyst																					1				
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																								1	
Mineralization																								1	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	1						2							1											
Mineralization																									
Ulcer							2									2									
Epithelium, Hyperplasia	3						3	2						1		3							1		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																									
Mineralization																									
Tooth																									

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DAY ON TEST	049	072	060	069	072	072	058	072	060	067	072	067	072	072	072	072	072	072	072	068	072	030	072	072	063	
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	
0 MG/KG																										**females (cont...)**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	1	2	1	2	1	1	1	2	1	1		2	2	1	2	1	1	2	2	2	2	1	2	1	2	
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic													3													
Hyperplasia								2					3												1	
Hypertrophy			1					1	1	3		1	2			1				1			3			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia				1										1									1			
Mineralization														1												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	
Cyst				1																						
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst							3		2							2		2								
Pars Distalis, Hyperplasia		3							2			3			3			3			2	3				
Rathke's Cleft, Cyst											4															

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

DAY ON TEST	049	072	060	069	072	072	058	072	060	067	072	067	072	072	072	072	072	072	072	068	072	030	072	072	063	
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	
0 MG/KG																										**females (cont...)**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia	1	1			1	1		1	1	1	1	1	1	1	1	1		1	1		3		1	2		
Follicle, Cyst																										
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																									2	
Inflammation					2	2					2									2				2	2	
Duct, Cyst															2										2	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	1													1	1											
Cyst										3						3										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage			3																							
Endometrium, Hyperplasia, Cystic																							3			
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	0495	0728	0604	0693	0729	0729	0581	0728	0607	0674	0728	0674	0728	0728	0729	0729	0728	0729	0729	0688	0729	0309	0728	0729	0634
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
Hyperplasia								4				2				3									
Infiltration Cellular, Histiocyte																									
Lymph Node								+					+												
Deep Cervical, Hyperplasia, Plasma Cell								2																	
Mediastinal, Degeneration, Cystic													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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage							2								1										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hyperplasia, Lymphoid		2																							
Thrombosis																									
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy							2																		
Inflammation																									

females (cont...)

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Dilatation																				3					3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion										X															

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DAY ON TEST	049	072	060	069	072	072	058	072	060	067	072	067	072	072	072	072	072	072	072	068	072	030	072	072	063	
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	
0 MG/KG																										**females (cont...)**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle							+																			
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Hydrocephalus	3																									
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation									1																	
Alveolar Epithelium, Hyperplasia							1		1	1				2		2						1				
Alveolus, Inflammation, Histiocytic	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1	1	1		1	1	1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation							2	1			1	2				1			2							
Olfactory Epithelium, Degeneration																										
Olfactory Epithelium, Metaplasia, Respiratory															1											

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DAY ON TEST	049	072	060	069	072	072	058	072	060	067	072	067	072	072	072	072	072	072	072	068	072	030	072	072	063
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
0 MG/KG																										**females (cont...)**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			1							1															
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract																									
Inflammation																									
Retina, Atrophy																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland																									
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis			2																						
Cyst																						2			
Glomerulosclerosis			2																						
Hemorrhage			2																						
Nephropathy	1	1	2	1	2	1		1		1	1	1	1	1	1	1	1	1	1		1	1	2	1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																	1								

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DAY ON TEST	072	051	065	072	072	065	072	072	072	072	067	050	072	072	067	072	072	053	072	072	072	072	072	072	063		
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**	
ALIMENTARY SYSTEM																											
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Parasite Metazoan													X	X													**3**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Parasite Metazoan														X		X											**4**
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		**44**
Clear Cell Focus														X		X		X									**8**
Fatty Change												1				1							1				**7 1.3**
Hepatodiaphragmatic Nodule																	X										**3**
Inflammation	2		1	1	1	1	1	1		1		1	1	1		1	1		1	1	1	1	3				**35 1.2**
Mixed Cell Focus																			X	X							**5**
Bile Duct, Cyst																											**1 3.0**
Bile Duct, Hyperplasia																					1						**5 1.0**

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FISCHER 344 RATS FEMALE

0 MG/KG

DAY ON TEST	0729	0519	0659	0728	0729	0650	0728	0728	0728	0728	0672	0502	0729	0729	0674	0729	0729	0538	0729	0721	0728	0728	0729	0728	0638	
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
Hepatocyte, Necrosis		2																								**4 1.5**
Mesentery							+														+					**6**
Necrosis							3														3					**5 3.0**
Oral Mucosa														+												**1**
Pharyngeal, Hyperplasia														3												**1 3.0**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Atrophy		1		2				2													2			1		**11 1.4**
Acinus, Hyperplasia								2						1	2								2	1		**7 1.6**
Duct, Cyst							2																			**2 1.5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Mineralization																										**1 1.0**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**3 1.3**
Mineralization		1																								**1 1.0**
Ulcer		2																								**3 2.0**
Epithelium, Hyperplasia		1					1		2				3	2												**11 2.0**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Erosion											1															**1 1.0**
Mineralization		2																								**1 2.0**
Tooth			+																							**1**

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DAY ON TEST	072	051	065	072	072	065	072	072	072	072	067	050	072	072	067	072	072	053	072	072	072	072	072	072	063	
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	2	1	2	1	2		2	2	1	2	1	1	2	1	3	2	2	2	2	2	2	1	3	1	2	**48 1.6**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic																										**1 3.0**
Hyperplasia	2			1	1	1									2	1								1		**10 1.5**
Hypertrophy					1	1		3	1		2			2	3	1		1		2		1				**20 1.6**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia									1				1										2			**6 1.2**
Mineralization																										**1 1.0**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Cyst																										**1 1.0**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Cyst																										**4 2.3**
Pars Distalis, Hyperplasia	2			1	1								3	3	1	3		2	2			2				**17 2.3**
Rathke's Cleft, Cyst																										**1 4.0**

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DAY ON TEST	0729	0519	0659	0728	0729	0650	0728	0728	0728	0728	0672	0502	0729	0729	0674	0729	0729	0538	0729	0721	0728	0728	0729	0728	0638	
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																										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	2	1		1	2	1	2	2	1	1		1	1	1	2	1	3	1	2	1	1	1	2			**39 1.3**
Follicle, Cyst								2																		**1 2.0**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	3																			2						**3 2.3**
Inflammation																										**6 2.0**
Duct, Cyst																										**2 2.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy						1						2														**5 1.2**
Cyst					2										2	4							2			**6 2.7**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																			4							**2 3.5**
Endometrium, Hyperplasia, Cystic																										**1 3.0**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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DAY ON TEST	0729	0519	0659	0728	0729	0650	0728	0728	0728	0728	0672	0502	0729	0729	0674	0729	0729	0538	0729	0721	0728	0728	0729	0728	0638	
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																										
Hyperplasia		2							4		4							4						2		**8 3.1**
Infiltration Cellular, Histiocyte														2												**1 2.0**
Lymph Node																										**2**
Deep Cervical, Hyperplasia, Plasma Cell																										**1 2.0**
Mediastinal, Degeneration, Cystic																										**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**
Hemorrhage																										**2 1.5**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage		4																								**1 4.0**
Hyperplasia, Lymphoid	4																	2								**3 2.7**
Thrombosis		3																								**1 3.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy																										**1 2.0**
Inflammation																		4								**1 4.0**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Duct, Dilatation																										**2 3.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cyst Epithelial Inclusion																										**1**

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2) Mild 4) Marked

DAY ON TEST	0729	0519	0659	0728	0729	0650	0728	0728	0728	0728	0672	0502	0729	0729	0674	0729	0729	0538	0729	0721	0728	0728	0729	0728	0638	
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	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**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage						2																				**1 2.0**
Hydrocephalus						1																				**2 2.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Alveolar Epithelium, Hyperplasia																			3		1					**8 1.5**
Alveolus, Inflammation, Histiocytic	1		1	1	1		1	1		1	1	1	1	1	1	1	1		1	1	1	1	1	1		**40 1.0**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation							1	1	1						1		1							1		**12 1.3**
Olfactory Epithelium, Degeneration						1																1				**2 1.0**
Olfactory Epithelium, Metaplasia, Respiratory																										**1 1.0**

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1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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DAY ON TEST	0729	0519	0659	0728	0729	0650	0728	0728	0728	0728	0672	0502	0729	0729	0674	0729	0729	0538	0729	0721	0728	0728	0729	0728	0638	
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																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		1												1						1						**5 1.0**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract																						3				**1 3.0**
Inflammation																		3								**1 3.0**
Retina, Atrophy								2														4				**2 3.0**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Zymbal's Gland																		+								**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis																										**1 2.0**
Cyst								2																		**2 2.0**
Glomerulosclerosis																										**1 2.0**
Hemorrhage																										**1 2.0**
Nephropathy	1	2		1	1	1	2	2	1	1		1	1	2	1	1	1	1	1	1	1	1	1			**42 1.2**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**

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DAY ON TEST	728	729	085	728	728	728	713	729	728	729	729	729	729	561	728	728	573	728	674	689	729	728	729	701	729	
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	**females (cont...)**
37.5 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																2										
Muscularis, Degeneration														1												
Periesophageal Tissue, Inflammation			4																							
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation													1													
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan					X																					
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan												X				X							X			
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis										1											1					
Basophilic Focus				X	X	X					X				X	X	X		X			X			X	
Clear Cell Focus				X				X																		
Fatty Change		1	1			2	2		1			1				1		2		2	2	1	1			

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FISCHER 344 RATS FEMALE

37.5 MG/KG

females (cont...)

DAY ON TEST	728	729	085	728	728	728	713	729	728	729	729	729	729	561	728	728	573	728	674	689	729	728	729	701	729
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
Hepatodiaphragmatic Nodule				X													X				X				X
Inflammation	1	2			2					1	1	1	2			1		1	1	1	1	1	1		1
Bile Duct, Cyst									2		2					3					2				
Bile Duct, Hyperplasia									2				1							1					
Centrilobular, Hepatocyte, Degeneration																									
Hepatocyte, Cellular Alteration, Diffuse							2							2											
Hepatocyte, Necrosis																		1							
Portal, Fibrosis				1					1				1												
Mesentery	+							+			+		+							+		+			+
Necrosis	3							3			3		3							3		3			2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus												X													
Acinus, Atrophy										1		1	1					1		1				1	2
Acinus, Hyperplasia																							1		
Duct, Cyst																		1						1	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Erosion																									
Inflammation							2																1		
Ulcer																									
Epithelium, Hyperplasia	1						4																2		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																				2		1			

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DAY ON TEST	072	072	008	072	072	072	071	072	072	072	072	072	072	056	072	072	057	072	067	068	072	072	072	070	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	**females (cont...)**
37.5 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	
Tongue																				+						
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mineralization																				2						
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy	1	3		2	2	2	3	2	2	2	2	2	3	2	2	2	1	2	3	3	2	2	2	2	1	
Hypertrophy																										
Mineralization																				2						
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Degeneration, Cystic		2									1		1													
Hematopoietic Cell Proliferation																										
Hyperplasia																1			2			2				
Hypertrophy		2					2	1			2	2	1			2			1		1				2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia									1	1			2	1		1		1		1						
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																							1			

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DAY ON TEST	072	072	008	072	072	072	071	072	072	072	072	072	072	056	072	072	057	072	067	068	072	072	072	070	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
37.5 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...)																									
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																3								3	
Pars Distalis, Hyperplasia		3		2	3	2			1		2		2	2		2	4			2		2	1	3	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia	2	2		1	1	1		2	1	1	1			1	1	1		1			1	1	1		
Follicle, Cyst																									

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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DAY ON TEST	072	072	008	072	072	072	071	072	072	072	072	072	072	056	072	072	057	072	067	068	072	072	072	070	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	
37.5 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...)**
Endometrium, Hyperplasia, Cystic																			3							
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	3													4			3							4		
Myelofibrosis																										
Lymph Node				+										+												
Deep Cervical, Hemorrhage				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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Spleen													X													
Pigmentation, Hemosiderin																				2						
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst			3																							
Inflammation			2																							
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																										

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DAY ON TEST	728	729	085	728	728	728	713	729	728	729	729	729	729	561	728	728	573	728	674	689	729	728	729	701	729
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
37.5 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...)																									
Mineralization																									
Duct, Dilatation								4		2															4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epidermis, Hyperplasia																									1
Subcutaneous Tissue, Inflammation			4																						
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrocephalus																									
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation				2									2		2										
Alveolar Epithelium, Hyperplasia		1				1		1	1				1		2	1						3		2	
Alveolar Epithelium, Metaplasia, Squamous																									
Alveolus, Inflammation, Histiocytic	1	1		1	1	1	1	1	1	1	1	1	1		1	2		1	1	1	1	1	1	1	1
Serosa, Inflammation			1																						

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DAY ON TEST	0728	0729	0085	0728	0728	0728	0713	0729	0728	0729	0729	0729	0729	0561	0728	0728	0573	0728	0674	0689	0729	0728	0729	0701	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0025	0025	0025	0025	0025	0025	0025	0025	0025	0026	0026	0026	0026	0026	0026	0026	0026	0026	0026	0027	0027	0027	0027	0027	0027
37.5 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
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation		3		2	2	1	1	1					1		2	3			1	3		1	1	2	1
Thrombosis																									
Glands, Dilatation									1		2		1												
Olfactory Epithelium, Degeneration	1	2		2	2			1	2	1		1		1	1	2	1	1		1	1	1	1	2	1
Olfactory Epithelium, Metaplasia, Respiratory		2			1							1													
Respiratory Epithelium, Hyperplasia											2														
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation		1																							
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract									3																
Inflammation																									
Retina, Atrophy									4																
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glomerulopathy, Hyaline		1		1			1	1		1			1	1		1				1		1			
Inflammation																									
Nephropathy	1	1		1	1		3	1	1	1	1	1	2	1	2	2	1	1	1	2	1	1	1		1

females (cont...)

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DAY ON TEST	072	072	008	072	072	072	071	072	072	072	072	072	072	056	072	072	057	072	067	068	072	072	072	070	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	
37.5 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...)**
Cortex, Mineralization																				2						
Renal Tubule, Degeneration																				2						
Urinary Bladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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DAY ON TEST	072	072	072	060	072	072	072	063	072	072	072	072	072	072	072	072	072	072	072	072	065	067	072	065	071	
	9	9	8	0	9	8	9	7	8	9	9	9	9	8	9	9	8	8	8	9	2	0	8	0	6	
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	003	
37.5 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**
Inflammation																										**1 2.0**
Muscularis, Degeneration																										**1 1.0**
Periesophageal Tissue, Inflammation																										**1 4.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan							X																			**2**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan				X							X						X									**6**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Angiectasis	2										1				2											**5 1.4**
Basophilic Focus		X			X	X				X			X	X	X			X		X	X		X			**21**
Clear Cell Focus		X	X			X			X	X			X			X		X		X			X			**12**
Fatty Change	1	2			1	2			1			1		1		2	1	2		1				2	2	**25 1.4**

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

FISCHER 344 RATS FEMALE

37.5 MG/KG

DAY ON TEST	0729	0729	0728	0600	0729	0728	0729	0637	0728	0729	0729	0729	0729	0728	0729	0729	0728	0728	0728	0729	0652	0670	0728	0650	0716	
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
Hepatodiaphragmatic Nodule													X					X								6
Inflammation	1		1			1	1		1	1		1		2	1	1	1	1	1	1	1		1			31 1.1
Bile Duct, Cyst		3									2															6 2.3
Bile Duct, Hyperplasia		1																								4 1.3
Centrilobular, Hepatocyte, Degeneration																								2		1 2.0
Hepatocyte, Cellular Alteration, Diffuse								2																2		4 2.0
Hepatocyte, Necrosis																								2		2 1.5
Portal, Fibrosis																										3 1.0
Mesentery				+			+						+	+				+								12
Necrosis				3			3						3	3				3								12 2.9
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basophilic Focus																										1
Acinus, Atrophy														2				1	1			1			1	12 1.2
Acinus, Hyperplasia																										1 1.0
Duct, Cyst					1								1													4 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Erosion							3																			1 3.0
Inflammation							2																			3 1.7
Ulcer								3																		1 3.0
Epithelium, Hyperplasia							4	2							1										1	7 2.1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mineralization																				1						3 1.3

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

DAY ON TEST	072	072	072	060	072	072	072	063	072	072	072	072	072	072	072	072	072	072	072	072	065	067	072	065	071	
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	003	
37.5 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**
Tongue																										**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mineralization																										**1 2.0**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	1	2	2		2	2	2	1	2	1	2	1	1	3	2	1	2	2	2	3			1		3	**45 2.0**
Hypertrophy																								2		**1 2.0**
Mineralization																										**1 2.0**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Degeneration, Cystic											2															**4 1.5**
Hematopoietic Cell Proliferation																								2		**1 2.0**
Hyperplasia						1															1		1		2	**7 1.4**
Hypertrophy			1								2	2							1							**14 1.6**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia					1	1							1					1								**11 1.1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hyperplasia																										**1 1.0**

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FISCHER 344 RATS FEMALE

37.5 MG/KG

DAY ON TEST	072	072	072	060	072	072	072	063	072	072	072	072	072	072	072	072	072	072	072	072	065	067	072	065	071	
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	003	
	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**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**2 3.0**
Pars Distalis, Hyperplasia		2	1		2					1	2		3		2			2	2	2				2	1	**26 2.0**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia	1		1		2	1	1	2		1		1		2		1	2		1	1	1			1	1	**32 1.2**
Follicle, Cyst	3																									**1 3.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia																										**1 2.0**
Inflammation	2																		1							**7 2.3**
Duct, Cyst	3																									**2 3.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Atrophy								3				2		1										3		**5 2.2**
Cyst																									3	**4 2.8**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																3										**1 3.0**
Inflammation																										**1 1.0**
Endometrium, Cyst																										**1 2.0**

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DAY ON TEST	072	072	072	060	072	072	072	063	072	072	072	072	072	072	072	072	072	072	072	072	065	067	072	065	071	
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	003	
37.5 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**
Endometrium, Hyperplasia, Cystic															1					2						**3 2.0**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia														3							3	3		3		**8 3.3**
Myelofibrosis								3																		**1 3.0**
Lymph Node								+																		**3**
Deep Cervical, Hemorrhage																										**1 3.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Accessory Spleen																										**1**
Pigmentation, Hemosiderin																										**1 2.0**
Thymus	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Cyst																										**1 3.0**
Inflammation																										**1 2.0**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia							3				3															**2 3.0**

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DAY ON TEST	072	072	072	060	072	072	072	063	072	072	072	072	072	072	072	072	072	072	072	072	065	067	072	065	071	
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	003	
37.5 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**
Mineralization																1										**1 1.0**
Duct, Dilatation												4														**4 3.5**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Epidermis, Hyperplasia																										**1 1.0**
Subcutaneous Tissue, Inflammation																										**1 4.0**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hydrocephalus												2														**1 2.0**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**3 2.0**
Alveolar Epithelium, Hyperplasia		2								2				1	1				1							**14 1.4**
Alveolar Epithelium, Metaplasia, Squamous																						3				**1 3.0**
Alveolus, Inflammation, Histiocytic	1	1	1	1	1	1	1		1		1	1	1	1	1	1	1	1	1	1		1	2	1	1	**44 1.0**
Serosa, Inflammation																										**1 1.0**

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

DAY ON TEST	072	072	072	060	072	072	072	063	072	072	072	072	072	072	072	072	072	072	072	072	065	067	072	065	071	
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	003	
37.5 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**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation			1		1		1	4					1	1				3								**22 1.7**
Thrombosis								3																		**1 3.0**
Glands, Dilatation							1		1									1								**6 1.2**
Olfactory Epithelium, Degeneration					1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	**40 1.2**
Olfactory Epithelium, Metaplasia, Respiratory												1	1	1				1	1							**8 1.1**
Respiratory Epithelium, Hyperplasia																										**1 2.0**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																										**1 1.0**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cataract			3																						3	**3 3.0**
Inflammation																								1		**1 1.0**
Retina, Atrophy			4					3																	4	**4 3.8**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation															1											**1 1.0**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Glomerulopathy, Hyaline	1		1					1								1	1	1							1	**17 1.0**
Inflammation					1																					**1 1.0**
Nephropathy	2	1	1		1	1	1		1	1	2	2	2	2	2	2	2	1	1	1	1		1	1	1	**44 1.3**

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2) Mild 4) Marked

DAY ON TEST	072	072	072	060	072	072	072	063	072	072	072	072	072	072	072	072	072	072	072	065	067	072	065	071		
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	003		
37.5 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**
Cortex, Mineralization																										**1 2.0**
Renal Tubule, Degeneration														2												**2 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

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

DAY ON TEST	708	728	729	728	728	729	728	729	729	729	729	728	695	729	729	702	728	716	728	698	728	729	728	729	729	
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	
75.0 MG/KG																										**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1										1								1							
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ulcer																			4							
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parasite Metazoan												X			X				X		X					
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peyer's Patch, Hyperplasia																										
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus																										
Clear Cell Focus		X	X		X					X																
Fatty Change	2	2	2	3	2	2	2	2	3	2	2	2		3	1	1	2				2		2	2	2	
Hepatodiaphragmatic Nodule			X					X					X													
Inflammation	1	2	2	2	1	2	1	2	1	1	1	1		1	2	1	2				2	1	2	2	2	
Mixed Cell Focus								X																X	X	

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2) Mild 4) Marked

FISCHER 344 RATS FEMALE

75.0 MG/KG

females (cont...)

DAY ON TEST	0708	0728	0729	0728	0728	0729	0728	0729	0729	0729	0729	0728	0695	0729	0729	0702	0728	0716	0728	0698	0728	0729	0728	0729	0729
ANIMAL ID	0031	0032	0033	0034	0035	0036	0037	0038	0039	0310	0311	0312	0313	0314	0315	0316	0317	0318	0319	0320	0321	0322	0323	0324	0325
Bile Duct, Cyst	2	2	2	2	2	2	1	3	4	2				4	1	3	3				2			2	2
Bile Duct, Hyperplasia	3	3	4	4	3	3	4	3	3	3	4	4	4	2	3	3	4	2	3	2	4	4	3	2	3
Hepatocyte, Cellular Alteration, Diffuse	2	1	1	1		1	1	1	1	1	2	2	2	1	2	1	1	1	2	2	1	2		1	1
Hepatocyte, Necrosis	2	2		1		1		2			1			2			3				1	2		2	
Oval Cell, Hyperplasia	1	2	2	2	1	2	2	1	1	1	2	1	2		1	1	2	2	1		2	2	2	2	2
Portal, Fibrosis			2	2		1	1				1	1					1				1	1	1		1
Serosa, Fibrosis											2														
Serosa, Hemorrhage									4		2														
Serosa, Inflammation											2														
Mesentery												+													
Necrosis												4													
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atypia Cellular				2																					
Inflammation								2											2						
Acinus, Atrophy					1		1		1		1											2			
Acinus, Hyperplasia		1																							
Duct, Cyst																									
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Mineralization																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			3				2				2										2				
Ulcer											3										2				
Epithelium, Hyperplasia	2		2			1	3				3				2			1			3	1			1

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

DAY ON TEST	0708	0728	0729	0728	0728	0729	0728	0729	0729	0729	0729	0728	0695	0729	0729	0702	0728	0716	0728	0698	0728	0729	0728	0729	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5
75.0 MG/KG																									**females (cont...)**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																			1						
Tongue								+																	
Tooth																+									
Dysplasia																4									
Peridontal Tissue, Inflammation																									
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	2	2	2	2	2	2	3	1	3	3	1	3	2	2	2	2	2	2	1	2	1	1	2	2	2
Mineralization																									1
Atrium, Thrombosis													2												
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hyperplasia		1					2												1					1	
Hypertrophy	1	2	2	1	1	2	1	3				1		2	3		2	2	1		1	2	2		1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	1								2		1		3		2			1	1		1		3	1	1

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FISCHER 344 RATS FEMALE ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5	
75.0 MG/KG																										**females (cont...)**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia	2							3					2	2			1	1				3				
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Angiectasis																										
Pars Distalis, Hyperplasia			2	3	1	1			1	2		1	1				1	3	1			4				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia		1	1	1	1			1	1	1				2	1		1		1			1				
Follicle, Cyst																						3				

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Duct, Cyst																	3									
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy											3		3													
Cyst															3			4						3		

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FISCHER 344 RATS FEMALE ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5
75.0 MG/KG																									**females (cont...)**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrometra		3																							
Endometrium, Hyperplasia, Cystic																								2	
Vagina																	+								
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hyperplasia			2	2		3							4		3		3	4	3	4		1			
Myelofibrosis																									
Lymph Node									+					+						+					
Deep Cervical, Hyperplasia, Lymphoid														2											
Deep Cervical, Pigmentation, Hemosiderin														2											
Mediastinal, Degeneration, Cystic									2																
Mediastinal, Hyperplasia, Plasma Cell									3																
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage											1														
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis										2															
Hematopoietic Cell Proliferation																									

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DAY ON TEST	078	078	079	078	078	079	078	079	079	079	079	078	065	079	079	070	078	071	078	068	078	079	078	079	079
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
75.0 MG/KG																										**females (cont...)**
Hyperplasia, Lymphoid																									
Capsule, Hemorrhage																									
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Duct, Dilatation			4																						
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Osteodystrophy																									
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																				4					
RESPIRATORY SYSTEM																									

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DAY ON TEST	0708	0728	0729	0728	0728	0729	0728	0729	0729	0729	0729	0728	0695	0729	0729	0702	0728	0716	0728	0698	0728	0729	0728	0729	0729
FISCHER 344 RATS FEMALE ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5
75.0 MG/KG																									**females (cont...)**
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Congestion	2																								
Alveolar Epithelium, Hyperplasia														1			1				1				
Alveolus, Inflammation, Histiocytic	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
Perivascular, Inflammation																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	1	1	1	2	1	3		2	4	2	4	2				3	2	3	2	3	3	2	3	3	
Thrombosis									3																
Glands, Dilatation	1														1									2	
Olfactory Epithelium, Degeneration	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2	2	3	2	3	2	2	2
Olfactory Epithelium, Metaplasia, Respiratory	2	3	2	1	2	2	2	2	3	2	4	2	2	1	1	3	1	2	2	2	2	2	3	2	2
Septum, Fibrosis											3														
Turbinate, Inflammation						2																			
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract											3													4	
Retina, Atrophy											4													4	
Retina, Dysplasia														2				2							
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																									
Epithelium, Hyperplasia																									

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FISCHER 344 RATS FEMALE ANIMAL ID	0031	0032	0033	0034	0035	0036	0037	0038	0039	0310	0311	0312	0313	0314	0315	0316	0317	0318	0319	0320	0321	0322	0323	0324	0325	**females (cont...)**
75.0 MG/KG																										
Zymbal's Gland	+																									
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Glomerulopathy, Hyaline	2	1	2	1	2	2	2	2	2	1	2	2	3	2	2	3	2	3	3	1	3	2	2	2	2	
Inflammation							1																			
Nephropathy	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	3	3	
Cortex, Mineralization																										
Pelvis, Inflammation																3										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Transitional Epithelium, Hyperplasia					1														1							

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DAY ON TEST	072 9	072 9	072 8	042 8	066 8	072 9	072 8	049 7	072 8	070 2	072 8	072 8	072 8	070 2	072 8	070 2	072 8	072 9	072 9	072 8	070 2	072 8	072 8	072 8	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**
75.0 MG/KG																										
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Inflammation																										**3 1.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Ulcer																										**1 4.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parasite Metazoan															X			X				X				**7**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Peyer's Patch, Hyperplasia																		2								**1 2.0**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Basophilic Focus		X				X			X																	**3**
Clear Cell Focus																										**4**
Fatty Change	1				1		2	1	2	1	2	2	1		2			3	2	2			1	2		**35 1.9**
Hepatodiaphragmatic Nodule			X						X								X					X				**7**
Inflammation	1	2	1		1		2	1	2	1	2	2					1	2		1			2	1	1	**37 1.5**
Mixed Cell Focus																		X								**4**

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FISCHER 344 RATS FEMALE

75.0 MG/KG

DAY ON TEST	0729	0729	0728	0428	0668	0729	0728	0497	0728	0702	0728	0728	0728	0702	0728	0702	0728	0729	0729	0728	0702	0728	0728	0728	0729		
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
Bile Duct, Cyst	2	1	2		3	3		1	2	2	3	3	3		3	3	2	2	3	2	3		2	2	2		38 2.3
Bile Duct, Hyperplasia	4	4	4		3	4	4	1	3	4	3	3	4	4	4	2	4	2	2	3	3	3	3	4	4		49 3.2
Hepatocyte, Cellular Alteration, Diffuse	2	1	1		2	2	1		2	1	1	2	2	2	2	2	1	2	1		2	2	2	2	1		45 1.5
Hepatocyte, Necrosis		2					1		2		2	1						3	1		1		2				20 1.7
Oval Cell, Hyperplasia	2	2	2		1	2	2		2	2	2	2	2	2	2		2	1	1	1	1	1	2	2	2		45 1.7
Portal, Fibrosis	1	2	1		1		2		1	2	1	1	2		1		1	1		2			1	1	1		28 1.3
Serosa, Fibrosis																											1 2.0
Serosa, Hemorrhage									3																		3 3.0
Serosa, Inflammation																											1 2.0
Mesentery									+	+								+							+	5	
Necrosis									3	3								3							3		5 3.2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	49	
Atypia Cellular																											1 2.0
Inflammation																											2 2.0
Acinus, Atrophy		2			1		1		1	1	1	1	1					1	1								15 1.1
Acinus, Hyperplasia																											1 1.0
Duct, Cyst						1								1					1								3 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																							1				1 1.0
Mineralization																							1				1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	49	
Inflammation					2		1																	2			7 2.0
Ulcer																								3			3 2.7
Epithelium, Hyperplasia					4	2			2	1														2			15 2.0

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DAY ON TEST	072	072	072	042	066	072	072	049	072	070	072	072	072	070	072	070	072	072	072	072	070	072	072	072	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	003		
75.0 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**	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**	
Mineralization																											**1 1.0**
Tongue																										**1**	
Tooth													+													**2**	
Dysplasia																											**1 4.0**
Peridontal Tissue, Inflammation													2														**1 2.0**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Cardiomyopathy	1	1	2		3	1	1	1	2	3	3	2		1	1		1	3	2	1	3	3	1	1	3		**47 1.9**
Mineralization																											**1 1.0**
Atrium, Thrombosis																											**1 2.0**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hemorrhage																					3						**1 3.0**
Hyperplasia							2					1															**6 1.3**
Hypertrophy		2	1		1		2		2		1		1	2	1		3	2	1	1		3	1	1			**34 1.6**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**	
Hyperplasia			1							2			1		3		2				2						**17 1.6**

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2) Mild 4) Marked

DAY ON TEST	072	072	072	042	066	072	072	049	072	070	072	072	072	070	072	070	072	072	072	072	070	072	072	072	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	003	
75.0 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**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hyperplasia			1											2							3			2		**11 2.0**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Angiectasis						2																				**1 2.0**
Pars Distalis, Hyperplasia	2						1		3			2	2	1	2			3		2		1	1	2		**24 1.8**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Hyperplasia													1	1	1	1		1					1	1		**19 1.1**
Follicle, Cyst																										**1 3.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation																						1				**1 1.0**
Duct, Cyst																										**1 3.0**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Atrophy		2												3												**4 2.8**
Cyst					3									3												**5 3.2**

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DAY ON TEST	072 9	072 9	072 8	042 8	066 8	072 9	072 8	049 7	072 8	070 2	072 8	072 8	072 8	070 2	072 8	070 2	072 8	072 9	072 9	072 8	070 2	072 8	072 8	072 8	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**
75.0 MG/KG																										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hydrometra																										**1 3.0**
Endometrium, Hyperplasia, Cystic											2															**2 2.0**
Vagina																										**1**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage						2								2												**2 2.0**
Hyperplasia	3			4		3	4	1		3						4	3				3	3				**20 3.0**
Myelofibrosis														3												**1 3.0**
Lymph Node			+				+																			**5**
Deep Cervical, Hyperplasia, Lymphoid																										**1 2.0**
Deep Cervical, Pigmentation, Hemosiderin																										**1 2.0**
Mediastinal, Degeneration, Cystic																										**1 2.0**
Mediastinal, Hyperplasia, Plasma Cell							3																			**2 3.0**
Pancreatic, Infiltration Cellular, Histiocyte			3																							**1 3.0**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 1.0**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosis																										**1 2.0**
Hematopoietic Cell Proliferation										2																**1 2.0**

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DAY ON TEST	072	072	072	042	066	072	072	049	072	070	072	072	072	070	072	070	072	072	072	072	070	072	072	072	072	
	9	9	8	8	8	9	8	7	8	2	8	8	8	2	8	2	8	9	9	8	2	8	8	8	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	003	
75.0 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**
Hyperplasia, Lymphoid											2															**1 2.0**
Capsule, Hemorrhage				4																						**1 4.0**
Thymus	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Inflammation		1																								**1 1.0**
Duct, Dilatation																										**1 4.0**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrous Osteodystrophy																					2					**1 2.0**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 4.0**
RESPIRATORY SYSTEM																										

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FISCHER 344 RATS FEMALE

75.0 MG/KG

DAY ON TEST	072 9	072 9	072 8	042 8	066 8	072 9	072 8	049 7	072 8	070 2	072 8	072 8	072 8	070 2	072 8	070 2	072 8	072 9	072 9	072 8	070 2	072 8	072 8	072 8	072 9		
ANIMAL ID	003 26	003 27	003 28	003 29	003 30	003 31	003 32	003 33	003 34	003 35	003 36	003 37	003 38	003 39	003 40	003 41	003 42	003 43	003 44	003 45	003 46	003 47	003 48	003 49	003 50	* TOTALS	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Congestion																											1 2.0
Alveolar Epithelium, Hyperplasia	1		1							2		1						1					1	1			10 1.1
Alveolus, Inflammation, Histiocytic	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1		49 1.0
Perivascular, Inflammation										2																	1 2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation	2	2	2		2		4	2		3	2	1		1	2	1	1		1	2	4		3	1	1		39 2.2
Thrombosis										3																	2 3.0
Glands, Dilatation						1								2										2			6 1.5
Olfactory Epithelium, Degeneration	1	2	2		2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2		2	2	1	2		48 2.0
Olfactory Epithelium, Metaplasia, Respiratory	2	1	1			1	2		2	2	2	1	1	1	1	1	1	1	1	1		1	2	1	1		46 1.7
Septum, Fibrosis																											1 3.0
Turbinate, Inflammation																											1 2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																									1		1 1.0

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cataract																											2 3.5
Retina, Atrophy																							3				3 3.7
Retina, Dysplasia																											2 2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mineralization														1													1 1.0
Epithelium, Hyperplasia	3																										1 3.0

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DAY ON TEST	072	072	072	042	066	072	072	049	072	070	072	072	072	070	072	070	072	072	072	072	070	072	072	072	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	003	
75.0 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**
Zymbal's Gland																										**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Glomerulopathy, Hyaline	2	2	1		3	2	2	1	3	2	2	3	2	3	1	3	2	3	2	2	4	3	2	3	3	**49 2.2**
Inflammation																										**1 1.0**
Nephropathy	3	3	3		4	2	3	2	4	3	3	3	3	2	2	3	3	3	3	2	4	2	3	3	3	**49 2.9**
Cortex, Mineralization							2																			**1 2.0**
Pelvis, Inflammation																										**1 3.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Transitional Epithelium, Hyperplasia																										**2 1.0**

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DAY ON TEST	617	582	617	523	617	524	691	369	471	604	349	538	538	470	471	559	586	533	604	604	593	621	594	643	548	
FISCHER 344 RATS FEMALE ANIMAL ID	0035	0035	0035	0035	0035	0035	0035	0035	0035	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0037	0037	0037	0037	0037	0037	
150 CHG 0 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...)**

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation							1																			
Intestine Large, Cecum	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Inflammation		1					3				2				2	2			3			1		1		
Ulcer																			3							
Intestine Large, Colon	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Inflammation															1											
Mineralization																										
Intestine Large, Rectum	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																										
Inflammation															1											
Parasite Metazoan																										
Intestine Small, Duodenum	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Intestine Small, Ileum	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Parasite Metazoan																										
Intestine Small, Jejunum	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Liver	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basophilic Focus		X														X										

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FISCHER 344 RATS FEMALE

150 CHG 0 MG/KG

females (cont...)

DAY ON TEST	0617	0582	0617	0523	0617	0524	0691	0369	0471	0604	0349	0538	0538	0470	0471	0559	0586	0533	0604	0604	0593	0621	0594	0643	0548
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
Clear Cell Focus														X											
Fatty Change		2				2				3		2		2			2						2	2	
Hepatodiaphragmatic Nodule					X																				
Inflammation	1	2	1	1	1	1				2		1	1	1	1	1			2	1	1	1		1	
Bile Duct, Cyst					3	2													2					2	
Bile Duct, Hyperplasia	4	4	3	4	4	4	4			4	4	4	4	4	4	4			4	4	4	4	3	4	3
Hepatocyte, Cellular Alteration, Diffuse	1	2	1	2	2	2			2	3	2	2	1	2	2	1	2	1	2	2	2	2	2	2	2
Hepatocyte, Necrosis	2	2	1	3							2		1						3					1	
Hepatocyte, Regeneration																									
Oval Cell, Hyperplasia	2	2	2	2	2	2	2			2	2	2	2	2	2	2			2	2	2	2	1	2	1
Portal, Fibrosis	1	1	1	1	2	1				2	1	1	1	1	1	1			2	1	2	1		2	
Mesentery																									
Necrosis																									
Oral Mucosa										+														+	
Pharyngeal, Hyperplasia										2														2	
Pancreas	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Acinus, Atrophy	1		2	2			2		2		3			1			3		1		1				
Acinus, Hyperplasia			1													1									
Duct, Cyst																	1								
Salivary Glands	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Inflammation									2								3							1	
Ulcer																	3								
Epithelium, Hyperplasia									2					1		2	1	2						2	

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DAY ON TEST	061 7	058 2	061 7	052 3	061 7	052 4	069 1	036 9	047 1	060 4	034 9	053 8	053 8	047 0	047 1	055 9	058 6	053 3	060 4	060 4	059 3	062 1	059 4	064 3	054 8
FISCHER 344 RATS FEMALE ANIMAL ID	003 51	003 52	003 53	003 54	003 55	003 56	003 57	003 58	003 59	003 60	003 61	003 62	003 63	003 64	003 65	003 66	003 67	003 68	003 69	003 70	003 71	003 72	003 73	003 74	003 75
150 CHG 0 MG/KG																									**females (cont...)**
Stomach, Glandular	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Erosion				2															1		3				
Inflammation									1																
Mineralization						2				2	2	2									2		3		
Epithelium, Hyperplasia																					2				
Tooth																									
Peridontal Tissue, Inflammation																									

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization	1		2			3				3	2	2				2			3				2	1	3
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	3	3	3	1	2	2	3	1		2	1	3	2	2	1	1	1	2	3	2	1	3	2	2	3
Hypertrophy																									
Inflammation				3							1														
Mineralization						2				3			1												2
Artery, Inflammation							3																		
Atrium, Thrombosis																			3						
Endocardium, Ventricle, Thrombosis																									
Valve, Thrombosis				4																					

ENDOCRINE SYSTEM

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DAY ON TEST	0617	0582	0617	0523	0617	0524	0691	0369	0471	0604	0349	0538	0538	0470	0471	0559	0586	0533	0604	0604	0593	0621	0594	0643	0548
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
150 CHG 0 MG/KG																									**females (cont...)**
Adrenal Cortex	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	2	1	1		2							2	1				2				2				
Hypertrophy	1	2	1	1	1		2		2	1				2	1		3		1	2	3				
Adrenal Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	2	2	1		3	1	1		1	2				1		2	1		1	1		2	1		
Islets, Pancreatic	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	3	4	3		3	3	2			3		3	2			3			3	3	3	3	3	3	3
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Pars Distalis, Angiectasis																		2							
Pars Distalis, Cyst					4																				
Pars Distalis, Hyperplasia			1	1								2			2		2	1				1	2		
Thyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
C-cell, Hyperplasia																			1		1				

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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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
150 CHG 0 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...)																									
Clitoral Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																2									
Inflammation																									
Ovary	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Atrophy	2				1		3		3	2					3		2	2				3	3		
Cyst	1			3											2										
Hemorrhage				3																					
Uterus	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Hemorrhage					3																				
Hydrometra																					3				
Inflammation					3																				
Cervix, Cyst																					3				
Endometrium, Hyperplasia, Cystic																			2	1		2			

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	3	3	3	4	3	2	3		4	2	4	2	4	2	3		4	4	3	1	3	3	3	3	
Lymph Node		+	+							+			+			+		+				+		+	
Deep Cervical, Hemorrhage													3											2	
Deep Cervical, Hyperplasia, Lymphoid																									
Mediastinal, Hemorrhage			3							2															
Pancreatic, Hemorrhage		3														2						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

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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	0617	0582	0617	0523	0617	0524	0691	0369	0471	0604	0349	0538	0538	0470	0471	0559	0586	0533	0604	0604	0593	0621	0594	0643	0548	
FISCHER 344 RATS FEMALE ANIMAL ID	0035	0035	0035	0035	0035	0035	0035	0035	0035	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0037	0037	0037	0037	0037	0037	
150 CHG 0 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...)**
Lymph Node, Mesenteric	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Hemorrhage	1			3	1		1			2	3		3	4	2							2				
Inflammation																						1				
Necrosis, Lymphoid																										
Spleen	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Hematopoietic Cell Proliferation				2																						
Hemorrhage																										
Hyperplasia, Lymphoid													2													
Necrosis, Lymphoid																										
Thymus	+	+	+	+	+	+	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Ectopic Parathyroid Gland																1										
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hair Follicle, Atrophy																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Osteodystrophy	3	3	3		2	3	2			3		3				3			3	3	3	3	3	3	2	

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DAY ON TEST	061 7	058 2	061 7	052 3	061 7	052 4	069 1	036 9	047 1	060 4	034 9	053 8	053 8	047 0	047 1	055 9	058 6	053 3	060 4	060 4	059 3	062 1	059 4	064 3	054 8	
FISCHER 344 RATS FEMALE ANIMAL ID	003 51	003 52	003 53	003 54	003 55	003 56	003 57	003 58	003 59	003 60	003 61	003 62	003 63	003 64	003 65	003 66	003 67	003 68	003 69	003 70	003 71	003 72	003 73	003 74	003 75	**females (cont...)**
150 CHG 0 MG/KG																										
Skeletal Muscle			+																							
Hemorrhage			3																							
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																	4									
Thrombosis											1															
Peripheral Nerve																										
Spinal Cord																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bacterium								X																		
Hemorrhage				3		3		2		2	3														2	
Inflammation, Suppurative								4																		
Pigmentation, Hemosiderin																										
Thrombosis																					2					
Alveolar Epithelium, Hyperplasia					1						1	1				2			1		3					
Alveolus, Inflammation, Histiocytic	1	1	1	2	1	1	1			1		2	1	2	2	2	1	1	1	1	1	1		1	1	
Arteriole, Inflammation				2		2																				
Interstitium, Mineralization						1				2		1				2			1				2		2	

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FISCHER 344 RATS FEMALE

150 CHG 0 MG/KG

females (cont...)

DAY ON TEST	0617	0582	0617	0523	0617	0524	0691	0369	0471	0604	0349	0538	0538	0470	0471	0559	0586	0533	0604	0604	0593	0621	0594	0643	0548
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
Nose	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	A
Inflammation	3	2			4	1	3	3	3	1	3	1				1	3		3					3	
Thrombosis						3																			
Glands, Dilatation																							1		
Olfactory Epithelium, Degeneration	2	1	2		3		2		1	3	3	2	2		2	2	2	2	2	2	2		2	2	
Olfactory Epithelium, Metaplasia, Respiratory	2	1	2		3		2		1	2	3	2	2		2	2	2	2	2	2	2		2	2	
Olfactory Epithelium, Necrosis																									
Respiratory Epithelium, Necrosis																									
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Inflammation										1		1													
Perforation																									

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract																									
Hemorrhage																									
Inflammation			2			3						2													
Optic Nerve, Atrophy																					2				
Retina, Atrophy												2									2				
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

URINARY SYSTEM

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DAY ON TEST	0617	0582	0617	0523	0617	0524	0691	0369	0471	0604	0349	0538	0538	0470	0471	0559	0586	0533	0604	0604	0593	0621	0594	0643	0548	
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...)**
150 CHG 0 MG/KG																										
Kidney	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst			2																							
Glomerulopathy, Hyaline	3	3	3	4	3	3	3		3	2	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	
Inflammation																										
Nephropathy	4	3	4	2	4	4	4		2	4	2	4	4	3	3	4	3	2	4	4	4	4	4	4	4	
Cortex, Mineralization	2	2	2			3	1			3		2		1	1	2			1				3	1	2	
Urinary Bladder	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Inflammation																					1					
Transitional Epithelium, Hyperplasia																					1					

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DAY ON TEST	0390	0450	0503	0338	0607	0019	0574	0578	0537	0666	0516	0666	0586	0593	0662	0468	0580	0569	0488	0393	0604	0352	0611	0550	0611	
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	
150 CHG 0 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**
Inflammation																										**1 1.0**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**45**
Inflammation							2					1				2						1				**12 1.8**
Ulcer																										**1 3.0**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**45**
Inflammation																										**1 1.0**
Mineralization																					2					**1 2.0**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Erosion																							2			**1 2.0**
Inflammation																										**1 1.0**
Parasite Metazoan																						X				**1**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**45**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**45**
Parasite Metazoan													X													**1**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**45**
Liver	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**47**
Basophilic Focus																										**2**

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FISCHER 344 RATS FEMALE

150 CHG 0 MG/KG

DAY ON TEST	0390	0450	0503	0338	0607	0019	0574	0578	0537	0666	0516	0666	0586	0593	0662	0468	0580	0569	0488	0393	0604	0352	0611	0550	0611	
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
Clear Cell Focus																										1
Fatty Change							2			2				1												11 2.0
Hepatodiaphragmatic Nodule						X																				2
Inflammation			2	1	1			1	2	2			2	1		2	1		1	1	1	1	1		1	33 1.2
Bile Duct, Cyst	2			1				2		2		1	2	1							2				2	13 1.8
Bile Duct, Hyperplasia	3	3	4	2	3		3	3	4	4		4	4	2	4	4	4	4	4	4	4	4	4		4	43 3.7
Hepatocyte, Cellular Alteration, Diffuse	2	2	2	2	2		2	1	2	2		2	2	2		3	2	2		2	2	2	2		3	43 1.9
Hepatocyte, Necrosis			1				2		3			2	2									2			3	15 2.0
Hepatocyte, Regeneration																3										1 3.0
Oval Cell, Hyperplasia	1	1	2	1	1		1	1	2	2		2	2	1	1	2	2	2	2	2	2	2	2		2	43 1.8
Portal, Fibrosis	1		2	1	1		1	1	1	2		2	1			2	2			1	1	2	2		2	35 1.4
Mesentery																						+				1
Necrosis																						3				1 3.0
Oral Mucosa																										2
Pharyngeal, Hyperplasia																										2 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46
Acinus, Atrophy			1				1	1				2	1										1		1	17 1.5
Acinus, Hyperplasia																										2 1.0
Duct, Cyst					1															1						3 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46
Inflammation																										3 2.0
Ulcer										3							2									3 2.7
Epithelium, Hyperplasia	1									2												2				9 1.7

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DAY ON TEST	039	045	050	033	060	001	057	057	053	066	051	066	058	059	066	046	058	056	048	039	060	035	061	050	061	
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	
150 CHG 0 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**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**46**
Erosion																										**3 2.0**
Inflammation																										**1 1.0**
Mineralization					2		1			2				3			2				3		3			**13 2.2**
Epithelium, Hyperplasia																										**1 2.0**
Tooth						+																				**1**
Peridontal Tissue, Inflammation						2																				**1 2.0**

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mineralization					2					2	3		2	3			3				2		3		2	**20 2.3**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cardiomyopathy	1		2	1	2			2	2		2	3	2	3	3	2	3	2	1	1	2		3	2	2	**44 2.0**
Hypertrophy										2																**1 2.0**
Inflammation									3													3				**4 2.5**
Mineralization											2			2			2				3		3	1	1	**11 2.0**
Artery, Inflammation																										**1 3.0**
Atrium, Thrombosis																										**1 3.0**
Endocardium, Ventricle, Thrombosis									3																	**1 3.0**
Valve, Thrombosis																										**1 4.0**

ENDOCRINE SYSTEM

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2) Mild 4) Marked

FISCHER 344 RATS FEMALE

150 CHG 0 MG/KG

DAY ON TEST	0390	0450	0503	0338	0607	0019	0574	0578	0537	0666	0516	0666	0586	0593	0662	0468	0580	0569	0488	0393	0604	0352	0611	0550	0611	
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
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia					2		1				1		1								1				2	14 1.5
Hypertrophy											3	2	1	1			1						1			20 1.6
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia			1		1		2		2		2	3	3				1	1			3		2		2	27 1.7
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia				2	3		3	1	3	3	4		3	4			4	2			4		3		2	31 2.9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemorrhage															3											1 3.0
Pars Distalis, Angiectasis																										1 2.0
Pars Distalis, Cyst																										1 4.0
Pars Distalis, Hyperplasia		1		2								2											1			12 1.5
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Inflammation									2																	1 2.0
C-cell, Hyperplasia																		1								3 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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DAY ON TEST	0390	0450	0503	0338	0607	0019	0574	0578	0537	0666	0516	0666	0586	0593	0662	0468	0580	0569	0488	0393	0604	0352	0611	0550	0611	
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	
150 CHG 0 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**
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hyperplasia																										**1 2.0**
Inflammation												1			2		1									**3 1.3**
Ovary	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Atrophy								2		3			2			2					2				2	**16 2.3**
Cyst																2					2					**5 2.0**
Hemorrhage																										**1 3.0**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Hemorrhage																										**1 3.0**
Hydrometra			3																			2				**3 2.7**
Inflammation																						2				**2 2.5**
Cervix, Cyst																										**1 3.0**
Endometrium, Hyperplasia, Cystic												3					1									**5 1.8**

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hyperplasia	1	4			3		3		3	3	3	3	2	3		4	3				3	2	3		2	**38 2.9**
Lymph Node		+											+									+				**11**
Deep Cervical, Hemorrhage																						3				**3 2.7**
Deep Cervical, Hyperplasia, Lymphoid													2													**1 2.0**
Mediastinal, Hemorrhage																										**2 2.5**
Pancreatic, Hemorrhage																										**3 2.7**
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	**0**

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DAY ON TEST	0390	0450	0503	0338	0607	0019	0574	0578	0537	0666	0516	0666	0586	0593	0662	0468	0580	0569	0488	0393	0604	0352	0611	0550	0611	
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	
150 CHG 0 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**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**45**
Hemorrhage					2		2		2	1		2				3	2					3				**18 2.2**
Inflammation									3																	**2 2.0**
Necrosis, Lymphoid									2																	**1 2.0**
Spleen	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**46**
Hematopoietic Cell Proliferation												2														**2 2.0**
Hemorrhage									2																	**1 2.0**
Hyperplasia, Lymphoid					2																					**2 2.0**
Necrosis, Lymphoid									2																	**1 2.0**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Atrophy							3																			**1 3.0**
Ectopic Parathyroid Gland																										**1 1.0**

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hair Follicle, Atrophy																						2				**1 2.0**

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrous Osteodystrophy					3		3		2	3	3		3	4			3				3		3		3	**27 2.9**

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DAY ON TEST	039	045	050	033	060	001	057	057	053	066	051	066	058	059	066	046	058	056	048	039	060	035	061	055	061	
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	
150 CHG 0 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**
Hemorrhage																										**1 3.0**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hemorrhage																										**1 4.0**
Thrombosis																										**1 1.0**
Peripheral Nerve																+										**1**
Spinal Cord																+										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bacterium																										**1**
Hemorrhage							3		3		2			2			2					2				**12 2.4**
Inflammation, Suppurative																										**1 4.0**
Pigmentation, Hemosiderin															2											**1 2.0**
Thrombosis																										**1 2.0**
Alveolar Epithelium, Hyperplasia	1			1				1				1									2				1	**12 1.3**
Alveolus, Inflammation, Histiocytic	1		2	1	1		1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	**43 1.1**
Arteriole, Inflammation																										**2 2.0**
Interstitium, Mineralization					1		1			1	2			2			1				3		3		2	**16 1.7**

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FISCHER 344 RATS FEMALE

150 CHG 0 MG/KG

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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
Nose	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	A	+	+	A	+	+	+	41
Inflammation				2	3	1	3	2				4	3	2							2		3	2	3	26 2.5
Thrombosis												3														2 3.0
Glands, Dilatation										1																2 1.0
Olfactory Epithelium, Degeneration	2	2	2	3	3	1		2		2		2	2	2		2		2		3	1		3	3	2	37 2.1
Olfactory Epithelium, Metaplasia, Respiratory	1	1	1	2	3			2		2		3	2	2		2		2		2	1		3	2	3	36 2.0
Olfactory Epithelium, Necrosis																							2			1 2.0
Respiratory Epithelium, Necrosis																					2					1 2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemorrhage																				3						1 3.0
Inflammation						1																				3 1.0
Perforation																				4						1 4.0

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cataract															2											1 2.0
Hemorrhage				4									3	4												3 3.7
Inflammation				4									3	3			2						1		1	9 2.3
Optic Nerve, Atrophy																										1 2.0
Retina, Atrophy																										2 2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

URINARY SYSTEM

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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	
150 CHG 0 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**
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Cyst																									3	**2 2.5**
Glomerulopathy, Hyaline	3	3	4	3	4		4	4	3	3	4	3	3	3	4	3	4	3	4	2	3	3	3	4	3	**48 3.3**
Inflammation									2			4														**2 3.0**
Nephropathy	2	2	3	3	4		4	4	3	4	4	3	4	4	3	3	4	3	1	2	4	2	4	3	4	**48 3.4**
Cortex, Mineralization	1				2		2			3	3		3	3			3				2		2	1	2	**26 2.0**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Inflammation												2														**2 1.5**
Transitional Epithelium, Hyperplasia																										**1 1.0**

*** END OF REPORT ***

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