

TDMS No. 20116 - 03
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010

Time Report Requested: 14:39:01

First Dose M/F: 04/17/05 / 04/17/05

Lab: NCTR

C Number: C20116B
Lock Date: 09/08/2009
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.2.0

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		DAY ON TEST																				males (cont...)				
		04	06	06	07	06	05	06	06	06	07	07	07	06	05	07	07	07	06	06	06		07	06	06	07
FISCHER 344 RATS-NCTR RATS MALE		8	7	4	3	5	5	8	8	5	1	3	3	3	3	3	3	3	7	3	2	3	2	8	3	7
	CONTROL WATER	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01
	ANIMAL ID	11	11	11	12	22	22	33	34	44	44	44	44	44	66	66	77	77	77	77	77	77	77	77	77	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Ascending Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
				X																					
Intestine Large, Descending Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Transverse Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
																							X		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma				X								X													X
Hepatocellular Carcinoma							X																		
Histiocytic Sarcoma																						X			
Leukemia Mononuclear					X		X	X	X	X	X	X	X		X	X		X	X				X	X	
Mesentery Leukemia Mononuclear											+										+	+			

* .. Total animals with tissue examined microscopically; Total animals with tumor
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 X .. Lesion present
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FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST																									ANIMAL ID	males (cont...)
	0 4 8 6	0 6 7 7	0 6 4 1	0 7 3 7	0 6 5 5	0 5 6 4	0 6 8 0	0 6 8 3	0 6 5 9	0 7 1 7	0 7 3 7	0 6 3 4	0 5 3 1	0 7 3 7	0 7 3 7	0 6 7 3	0 6 3 4	0 6 2 7	0 7 3 7	0 6 2 8	0 6 8 3	0 7 3 7	0 7 3 7				
	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 2 2	0 0 2 1	0 0 3 2	0 0 3 1	0 0 4 1	0 0 4 1	0 0 4 2	0 0 4 1	0 0 4 2	0 0 6 1	0 0 6 2	0 0 7 1	0 0 7 2	0 0 7 1	0 0 7 2	0 0 8 1	0 0 8 2	0 0 9 1	0 0 9 2	0 0 9 1	0 0 9 2		

Pheochromocytoma Malignant	X																								
Bilateral, Pheochromocytoma Benign									X																
Bilateral, Pheochromocytoma Malignant																		X							
Islets, Pancreatic Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland Leukemia Mononuclear Pars Distalis, Adenoma	+	+	+	+	+	+	+	+	X	X														X	+
Thyroid Gland C-cell, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland C-cell, Carcinoma					X																				
Thyroid Gland Follicular Cell, Adenoma																									X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Carcinoma						X						X	X				X			X					

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FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST																								ANIMAL ID	males (cont...)	
	0 4 8 6	0 6 7 7	0 6 4 1	0 7 3 7	0 6 5 5	0 5 6 5	0 6 8 4	0 6 8 0	0 6 5 3	0 7 1 9	0 7 3 7	0 7 3 4	0 6 3 1	0 5 7 7	0 7 3 7	0 7 3 7	0 6 7 3	0 6 6 4	0 6 2 7	0 7 3 7	0 6 2 8	0 6 8 3	0 7 3 7	0 7 3 7			
Squamous Cell Carcinoma		X						X																			
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia Mononuclear																											
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia Mononuclear																											
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Bilateral, Interstitial Cell, Adenoma				X	X		X			X	X	X	X			X	X	X			X	X	X	X	X		
Interstitial Cell, Adenoma		X						X										X	X								
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																											
Lymph Node		+		+			+	+	+	+	+	+			+	+						+	+	+			
Axillary, Leukemia Mononuclear											X												X				
Deep Cervical, Leukemia Mononuclear																											
Hepatic, Leukemia Mononuclear																											
Inguinal, Leukemia Mononuclear																								X			
Lumbar, Histiocytic Sarcoma																						X					
Lumbar, Leukemia Mononuclear								X			X					X							X				
Mediastinal, Histiocytic Sarcoma																						X					
Mediastinal, Leukemia Mononuclear								X	X	X	X				X												
Pancreatic, Leukemia Mononuclear								X			X					X											
Renal, Leukemia Mononuclear								X			X												X				
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

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		DAY ON TEST																								males (cont...)
FISCHER 344 RATS-NCTR RATS MALE	CONTROL WATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	6	6	7	6	5	6	6	6	7	7	7	6	5	7	7	7	6	6	6	7	6	6	7	
		8	7	4	3	5	5	8	8	5	1	3	3	3	3	3	3	7	3	2	3	2	8	8	3	
		6	7	1	7	5	5	4	0	3	9	7	7	4	1	7	7	7	3	4	7	7	8	7	7	
		ANIMAL ID																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	2	2	3	3	4	4	4	4	4	6	6	7	7	7	7	9	9	9	9		
		1	1	2	2	9	9	1	1	1	1	2	2	3	3	2	2	8	8	9	9	8	8	9		
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1		

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear					X																		X	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																							X	
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granular Cell Tumor Benign																								
Leukemia Mononuclear																							X	
Peripheral Nerve					+																			
Spinal Cord					+																			

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																						X		
Leukemia Mononuclear					X		X	X	X	X	X	X		X	X			X					X	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST																				ANIMAL ID		
	0 7 3 7	0 7 3 7	0 7 3 7	0 6 1 2	0 6 4 0	0 7 3 3	0 6 6 4	0 5 5 0	0 7 3 7	0 6 6 4	0 4 5 8	0 6 2 0	0 6 5 0	0 7 3 7	0 7 3 7	0 6 3 8	0 7 3 2	0 6 7 3	0 6 1 3	0 6 8 1			0 5 4 3
	0 1 2 7 2	0 1 2 8 1	0 1 2 8 1	0 1 4 1 2	0 1 4 1 2	0 1 4 1 2	0 1 4 4 2	0 1 4 5 2	0 1 4 5 2	0 1 4 6 1	0 1 4 6 2	0 1 4 6 2	0 1 4 7 1	0 1 4 7 2	0 1 4 8 1	0 1 4 8 2	0 1 4 5 1	0 1 4 5 2	0 1 4 9 1	0 1 7 9 2	0 1 7 0 1	0 1 8 0 2	
	* TOTALS																						

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Ascending Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	47
Intestine Large, Cecum Leukemia Mononuclear	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	46 2
Intestine Large, Descending Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	47
Intestine Large, Rectum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Transverse Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	47
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum Leukemia Mononuclear	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	45 1
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	45
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hepatocellular Adenoma																							X	5
Hepatocellular Carcinoma																							X	3
Histiocytic Sarcoma																							X	1
Leukemia Mononuclear							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	26
Mesentery							+	+	+															10
Leukemia Mononuclear																							X	1

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FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST																				* TOTALS			
	0 7 3 7	0 7 3 7	0 7 3 7	0 6 1 2	0 6 4 0	0 7 3 4	0 6 6 0	0 5 5 0	0 7 3 7	0 6 6 4	0 4 7 6	0 5 6 8	0 6 2 0	0 7 3 7	0 7 3 7	0 6 3 8	0 7 3 2	0 6 7 3	0 6 1 3	0 6 8 1		0 5 4 3	0 7 3 2	
ANIMAL ID	0 1 2 7 2	0 1 2 8 1	0 1 2 8 2	0 1 4 1 2	0 1 4 1 4	0 1 4 1 4	0 1 4 4 2	0 1 4 5 1	0 1 4 5 2	0 1 4 6 1	0 1 4 6 2	0 1 4 6 1	0 1 4 4 2	0 1 4 7 1	0 1 7 8 4	0 1 7 4 2	0 1 7 5 1	0 1 7 5 2	0 1 7 9 1	0 1 7 9 2	0 1 8 0 1	0 1 8 0 2		
Oral Mucosa																							+	2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear																							X	2
Proximal Colon	+	+	+	+	+	+	+	A	+	+	M	+	+	+	+	+	+	A	+	+	+	+		44
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
CARDIOVASCULAR SYSTEM																								
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear																							X	1
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear							X		X		X	X	X	X						X				14
Schwannoma Malignant																								1
ENDOCRINE SYSTEM																								
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear																							X	3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear																							X	6
Pheochromocytoma Benign																								1

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DAY ON TEST	FISCHER 344 RATS-NCTR RATS MALE																				* TOTALS	
	0737	0737	0737	0662	0663	0673	0664	0550	0777	0664	0458	0662	0667	0777	0668	0778	0662	0663	0666	0554		0773
CONTROL WATER	ANIMAL ID																					
	0127	0118	0118	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	0114	
Pheochromocytoma Malignant																		X	X			3
Bilateral, Pheochromocytoma Benign													X									2
Bilateral, Pheochromocytoma Malignant							X													X	X	4
Islets, Pancreatic Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
			X												X							3
Parathyroid Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	47
																	X					1
Pituitary Gland Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Pars Distalis, Adenoma	X	X	X	X	X	X	X		X	X			X		X	X	X		X	X	X	5
																						30
Thyroid Gland C-cell, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
C-cell, Carcinoma	X																					2
Follicular Cell, Adenoma															X							1
																						2
GENERAL BODY SYSTEM																						
NONE																						
GENITAL SYSTEM																						
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Preputial Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Carcinoma							X												X			5
																						2

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FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST																				* TOTALS	
	0737	0737	0737	0662	0660	0673	0664	0550	0577	0664	0456	0566	0677	0777	0668	0767	0663	0663	0661	0584		0732
ANIMAL ID	01272	01128	01188	01141	01114	01144	01144	01144	01155	01166	01166	01177	01188	01144	01177	01177	01155	01155	01199	01290	01200	
Squamous Cell Carcinoma	X												X									4
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear													X									1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear													X									1
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Bilateral, Interstitial Cell, Adenoma	X	X		X		X		X	X				X	X	X		X	X	X			27
Interstitial Cell, Adenoma					X					X	X					X				X	X	10
HEMATOPOIETIC SYSTEM																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear													X									1
Lymph Node				+		+				+	+				+	+			+	+		24
Axillary, Leukemia Mononuclear																						2
Deep Cervical, Leukemia Mononuclear														X								1
Hepatic, Leukemia Mononuclear																				X		1
Inguinal, Leukemia Mononuclear																						1
Lumbar, Histiocytic Sarcoma																						1
Lumbar, Leukemia Mononuclear							X													X		6
Mediastinal, Histiocytic Sarcoma																						1
Mediastinal, Leukemia Mononuclear										X	X								X		X	9
Pancreatic, Leukemia Mononuclear						X											X		X		X	7
Renal, Leukemia Mononuclear																			X			4
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST																				* TOTALS	
	0737	0737	0737	0662	0660	0673	0664	0550	0577	0664	0456	0566	0066	0077	0077	0668	0767	0663	0663	0553		0732
ANIMAL ID	01272	01181	01182	01141	01142	01141	01141	01141	01141	01141	01141	01141	01141	01141	01141	01141	01141	01141	01141	01141	01141	
Histiocytic Sarcoma																						1
Leukemia Mononuclear						X				X			X	X		X						11
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Leukemia Mononuclear						X		X			X	X				X		X				10
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																						1
Leukemia Mononuclear						X		X		X	X	X	X	X		X		X	X		X	26
Thymus	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Leukemia Mononuclear											X	X				X						8
INTEGUMENTARY SYSTEM																						
Mammary Gland	+	+	+	+	+	+	+	M	+	+	M	+	+	M	+	M	+	+	+	+	+	44
Fibroadenoma																X						1
Leukemia Mononuclear																						1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Fibroma																						4
Granular Cell Tumor Benign											X											1
Keratoacanthoma																						1
Lipoma						X																1
MUSCULOSKELETAL SYSTEM																						
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle																+						2

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST																				ANIMAL ID		
	0 7 3 7	0 7 3 7	0 7 3 7	0 6 1 2	0 6 4 0	0 7 3 3	0 6 6 4	0 5 5 0	0 7 3 7	0 6 6 4	0 4 9 8	0 5 6 0	0 6 2 0	0 7 3 7	0 7 3 7	0 6 3 8	0 7 3 2	0 6 7 3	0 6 1 3	0 6 8 1			0 5 4 3
	0 1 2 7 2	0 1 2 8 1	0 1 2 8 2	0 1 4 1 2	0 1 4 1 1	0 1 4 1 4	0 1 4 4 2	0 1 4 5 1	0 1 4 5 2	0 1 4 6 1	0 1 4 7 2	0 1 4 7 1	0 1 4 8 2	0 1 7 8 1	0 1 7 4 2	0 1 7 4 5	0 1 7 5 1	0 1 7 5 2	0 1 7 9 1	0 1 7 9 2	0 1 8 0 1	0 1 8 0 2	
																						* TOTALS	

NERVOUS SYSTEM

Brain, Brain Stem Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48 5
Brain, Cerebellum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48 1
Brain, Cerebrum Granular Cell Tumor Benign Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48 1 2
Peripheral Nerve																						1		
Spinal Cord																						1		

RESPIRATORY SYSTEM

Lung Histiocytic Sarcoma Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48 1 24
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	47
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE CONTROL WATER	DAY ON TEST		ANIMAL ID																				* TOTALS
	0 7 3 7	0 7 3 7	0 7 3 7	0 6 1 2	0 6 4 0	0 7 3 4	0 6 6 0	0 5 5 4	0 7 3 7	0 6 6 4	0 4 9 6	0 5 6 2	0 6 2 5	0 7 3 3	0 7 3 8	0 6 3 2	0 7 3 3	0 6 1 3	0 6 8 1	0 5 4 3	0 7 3 2		
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear								X															1
URINARY SYSTEM																							
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear													X										4
Renal Tubule, Adenoma																							1
Urethra					+																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear													X										4
Transitional Epithelium, Papilloma																							1
SYSTEMIC LESIONS																							
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																							1
Leukemia Mononuclear						X		X		X	X	X	X	X	X		X		X	X		X	27

* .. Total animals with tissue examined microscopically; Total animals with tumor
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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

		DAY ON TEST																								males (cont...)
FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5	7	7	6	7	6	7	4	7	7	6	6	6	7	4	6	7	7	4	6	7	7	7	7	
		9	3	3	5	2	1	3	8	3	3	2	6	5	2	7	0	3	0	9	9	3	3	3	3	
		6	7	7	0	5	2	7	0	7	7	7	6	9	4	6	7	2	7	0	7	7	7	7	7	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	2	2	2	2	3	3	5	5	5	5	6	6	7	7	7	7	8	8	8	8	
		6	6	7	7	5	5	6	6	8	8	4	4	5	5	9	9	1	1	2	2	3	3	4	4	
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	1	

C-cell, Adenoma
 C-cell, Carcinoma
 Follicular Cell, Adenoma

X X X X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant					X																			
Penis						+																		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma			X						X	X														
Squamous Cell Carcinoma																								
Squamous Cell Papilloma																								X
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																								
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant					X																			
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant					X																			
Bilateral, Interstitial Cell, Adenoma		X	X			X		X		X			X	X	X	X	X			X	X	X	X	X
Interstitial Cell, Adenoma				X	X	X			X			X							X					

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	DAY ON TEST																								ANIMAL ID	males (cont...)
	0596	0737	0737	0650	0725	0672	0748	0774	0774	0666	0666	0767	0474	0667	0774	0474	0667	0774	0469	0699	0733	0733	0733	0733		
	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0001
	0006	0067	0071	0002	0051	0055	0066	0088	0088	0044	0055	0055	0055	0066	0066	0077	0077	0077	0077	0088	0088	0088	0088	0044	0044	0011

Brain, Cerebellum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, Cerebrum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peripheral Nerve																										+
Spinal Cord Leukemia Mononuclear																										+
																										X

RESPIRATORY SYSTEM

Lung Alveolar/Bronchiolar Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																										X
Osteosarcoma, Metastatic, Bone																										X
Nose Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lacrimal Gland																										+

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	DAY ON TEST																				ANIMAL ID		
	0 7 3 7	0 6 1 7	0 6 2 4	0 6 3 2	0 6 9 2	0 6 6 9	0 6 1 3	0 5 4 2	0 7 3 7	0 7 3 7	0 5 6 3	0 6 5 8	0 6 9 9	0 7 3 7	0 7 3 7	0 5 5 8	0 5 9 2	0 5 9 2	0 5 4 4	0 6 9 0			0 5 7 1
	0 1 0 1 2	0 1 0 2	0 1 2 2	0 1 1 9	0 1 1 3	0 1 3 3	0 1 3 5	0 1 3 5	0 1 3 6	0 1 3 6	0 1 5 6	0 1 5 6	0 1 5 4	0 1 5 6	0 1 5 6	0 1 6 1	0 1 6 1	0 1 8 5	0 1 8 5	0 1 8 7	0 1 8 1	0 1 8 2	
	* TOTALS																						

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Ascending Colon Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	X	+	+	+	47 1
Intestine Large, Cecum Lymphoid Tissue, Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	X	+	A	+	45 1
Intestine Large, Colon																							+	1
Intestine Large, Descending Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	47
Intestine Large, Transverse Colon Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	X	+	+	+	47 1
Intestine Small Mesothelioma Malignant																								1 1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	46
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	45
Intestine Small, Jejunum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	44 1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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 + .. Tissue examined microscopically
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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	DAY ON TEST																				* TOTALS						
	0737	0667	0664	0662	0662	0669	0663	0662	0572	0777	0777	0563	0668	0669	0777	0777	0777	0588	0552	0552		0554	0690	0571	0598		
ANIMAL ID	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011	010011			
Cholangiocarcinoma																									X	1	
Hepatocellular Adenoma																											1
Histiocytic Sarcoma																										X	1
Leukemia Mononuclear			X			X	X		X				X											X	X		19
Mesentery																											10
Leukemia Mononuclear																											1
Mesothelioma Malignant																											2
Oral Mucosa																											1
Squamous Cell Papilloma																											1
Pancreas																											48
Leukemia Mononuclear																											3
Mesothelioma Malignant																											1
Mixed Tumor Benign																											1
Acinar Cell, Adenoma																											1
Proximal Colon																											44
Salivary Glands																											48
Leukemia Mononuclear																											1
Sublingual Gland, Adenoma																											1
Stomach, Forestomach																											47
Squamous Cell Papilloma																											1
Stomach, Glandular																											47

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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 I .. Insufficient tissue

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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	DAY ON TEST																				* TOTALS		
	0737	0667	0664	0662	0662	0669	0663	0572	0777	0777	0563	0668	0669	0777	0777	0777	0558	0552	0552	0554		0660	0551
ANIMAL ID	0101	0101	0101	0101	0101	0103	0103	0103	0103	0103	0105	0105	0105	0105	0105	0105	0106	0106	0108	0108	0108	0108	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear		X			X			X											X	X			10
Schwannoma Malignant																							2
Pericardium, Osteosarcoma, Metastatic, Bone																							1
ENDOCRINE SYSTEM																							
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma						X																	1
Leukemia Mononuclear																			X				3
Mesothelioma Malignant																							1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	47
Leukemia Mononuclear					X															X			5
Pheochromocytoma Malignant	X	X							X	X		X											10
Bilateral, Pheochromocytoma Malignant																							2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma																					X		4
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma																							1
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																				X			1
Pars Distalis, Adenoma	X			X	X		X	X		X	X	X	X		X	X		X		X	X	X	30
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	47

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	DAY ON TEST																				* TOTALS	
	0 7 3 7	0 6 1 7	0 6 2 4	0 6 3 2	0 6 9 2	0 6 6 9	0 6 1 3	0 5 4 2	0 7 3 7	0 7 3 7	0 5 6 3	0 6 5 8	0 6 9 9	0 7 3 7	0 7 3 7	0 5 5 8	0 5 9 2	0 5 9 2	0 5 4 4	0 6 9 0		0 5 7 1
ANIMAL ID	0 1 0 1 2	0 1 0 2 1	0 1 0 2 1	0 1 1 1 2	0 1 1 3 1	0 1 3 3 2	0 1 3 5 1	0 1 3 5 2	0 1 3 5 6	0 1 3 5 1	0 1 3 5 2	0 1 3 5 6	0 1 5 5 4	0 1 5 5 1	0 1 5 5 2	0 1 5 6 1	0 1 6 6 2	0 1 6 8 1	0 1 8 8 5	0 1 8 8 2	0 1 8 7 1	0 1 8 7 2
C-cell, Adenoma						X	X				X							X				7
C-cell, Carcinoma																						1
Follicular Cell, Adenoma																		X				1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Mesothelioma Malignant											X	X										3
Penis																						1
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma														X								4
Squamous Cell Carcinoma										X										X		2
Squamous Cell Papilloma																						1
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																			X			1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Mesothelioma Malignant											X											2
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Mesothelioma Malignant												X										2
Bilateral, Interstitial Cell, Adenoma		X			X	X	X	X	X				X	X	X						X	25
Interstitial Cell, Adenoma	X		X	X						X	X					X		X	X			14

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	DAY ON TEST																				* TOTALS		
	07	06	06	06	06	06	06	05	07	07	05	06	06	07	07	07	05	05	05	05		06	05
ANIMAL ID	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01
	00	00	00	01	01	03	03	03	03	03	05	05	05	05	05	05	06	06	08	08	08	08	08
	01	02	02	09	09	03	03	05	05	06	06	03	03	04	04	06	06	01	01	05	05	07	07
	02	01	02	01	02	01	02	01	02	01	02	01	02	01	02	01	02	01	02	01	02	01	02

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Histiocytic Sarcoma																						X	1	
Leukemia Mononuclear																						X	X	3
Lymph Node			+			+				+			+	+	+					+		+	13	
Axillary, Leukemia Mononuclear						X																	1	
Deep Cervical, Leukemia Mononuclear						X																	1	
Lumbar, Leukemia Mononuclear						X																	1	
Mediastinal, Histiocytic Sarcoma															X								1	
Mediastinal, Leukemia Mononuclear						X															X		3	
Pancreatic, Leukemia Mononuclear																					X		2	
Renal, Histiocytic Sarcoma															X								1	
Renal, Leukemia Mononuclear																							2	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia Mononuclear						X															X	X	7	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Leukemia Mononuclear					X	X														X	X		10	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hemangiosarcoma												X											1	
Leukemia Mononuclear			X		X	X		X				X				X			X	X			20	
Mesothelioma Malignant												X											2	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Leukemia Mononuclear						X														X	X		3	

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 0.5	DAY ON TEST																				* TOTALS		
	0737	0667	0664	0662	0662	0669	0663	0542	0777	0777	0563	0668	0669	0777	0777	0777	0558	0552	0554	0554		0660	0551
ANIMAL ID	0101	0111	0111	0111	0111	0133	0133	0135	0135	0136	0132	0131	0132	0131	0132	0131	0132	0131	0132	0131	0132	0131	0132
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear		X			X			X															3
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear		X			X			X															3
Peripheral Nerve																							1
Spinal Cord																							1
Leukemia Mononuclear																							1
RESPIRATORY SYSTEM																							
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma										X		X	X										5
Leukemia Mononuclear		X			X	X		X											X	X			13
Osteosarcoma, Metastatic, Bone																							1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																			X				1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
SPECIAL SENSES SYSTEM																							
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	46
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lacrimal Gland																							1

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST		7	6	6	6	6	6	5	7	7	5	6	6	7	7	7	5	5	5	5	6	5	5	5	
FISCHER 344 RATS-NCTR RATS MALE		3	1	2	3	9	6	1	4	3	3	6	5	9	3	3	3	5	9	9	4	9	7	9	
ALOEWHOLLEAF 0.5		7	7	4	2	2	9	3	2	7	7	3	8	9	7	7	8	2	2	4	0	1	8		
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		0	0	0	1	1	3	3	3	3	3	5	5	5	5	5	6	6	8	8	8	8	8	8	
		1	2	2	9	9	3	3	5	5	6	6	3	3	4	4	6	6	1	1	5	5	7	7	
		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
																						* TOTALS			

Squamous Cell Carcinoma, Metastatic, Zymbal'S Gland 1

Zymbal's Gland Squamous Cell Carcinoma 2
2

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																			X	X				2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																								2
Transitional Epithelium, Papilloma		X																						1

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma															X									1
Leukemia Mononuclear		X			X	X		X				X				X			X	X				21
Mesothelioma Malignant											X	X												3

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

		DAY ON TEST																									males (cont...)
		062	063	067	067	067	065	066	067	067	066	067	066	066	067	066	067	067	066	066	065	066	066	067	065		
FISCHER 344 RATS-NCTR RATS MALE	ANIMAL ID	062	063	067	067	067	065	066	067	067	066	067	066	066	067	066	067	067	066	066	065	066	066	067	065		
ALOEWHOLLEAF 1.0		001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001	001			

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Ascending Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma				X				X	X	X			X	X	X		X					X		
Carcinoma									X				X											
Leiomyoma				X																				
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma													X											
Carcinoma																								
Intestine Large, Colon		+							+															
Adenoma									X															
Carcinoma		X																						
Intestine Large, Descending Colon	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	
Carcinoma																								
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Transverse Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Adenoma							X						X				X							
Carcinoma																								
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

		DAY ON TEST																				males (cont...)							
FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 1.0		0 6 6 2	0 6 3 4	0 7 3 7	0 7 3 7	0 7 3 7	0 5 2 8	0 6 8 7	0 7 3 7	0 7 3 7	0 6 2 7	0 7 3 7	0 6 8 0	0 6 8 0	0 7 6 0	0 7 6 0	0 7 3 7	0 6 6 2	0 6 6 5	0 5 7 7	0 6 2 1		0 6 9 7	0 6 3 7	0 7 3 7	0 6 5 9	0 6 9 7	0 7 3 7	0 5 1 9
ANIMAL ID		0 0 1 5 1	0 0 1 5 2	0 0 1 6 1	0 0 1 8 2	0 0 1 8 1	0 0 3 3 2	0 0 3 3 1	0 0 3 3 2	0 0 3 4 1	0 0 3 4 2	0 0 4 9 1	0 0 4 9 2	0 0 5 0 1	0 0 5 0 2	0 0 5 2 1	0 0 5 2 2	0 0 6 5 1	0 0 6 6 2	0 0 6 6 1	0 0 9 3 1		0 0 9 3 2	0 0 9 4 1	0 0 9 4 2	0 0 9 4 1	0 0 9 4 2	0 1 0 6 1	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear							X							X					X									X	
Schwannoma Malignant				X				X						X					X									X	
ENDOCRINE SYSTEM																													
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																												X	
Leukemia Mononuclear								X						X					X										
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear							X												X										
Pheochromocytoma Benign									X																				
Pheochromocytoma Malignant			X	X							X	X			X	X											X		
Bilateral, Pheochromocytoma Benign																													
Bilateral, Pheochromocytoma Malignant																												X	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma											X																	X	
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear							X																						
Pars Distalis, Adenoma		X	X		X		X	X	X				X					X		X				X	X				
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Adenoma								X																					
C-cell, Carcinoma											X																		
Follicular Cell, Adenoma																													

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

		DAY ON TEST																									males (cont...)
FISCHER 344 RATS-NCTR RATS MALE	ALOEWHOLLEAF 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		6	6	7	7	7	5	6	7	7	6	7	6	6	6	7	6	7	7	6	6	5	6	6	7	5	
		2	3	3	3	3	2	8	3	3	2	3	7	8	8	0	9	3	3	6	6	7	2	9	3	1	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	3	3	3	3	4	4	5	5	6	6	6	6	6	9	9	9	9	0		
		5	5	6	6	8	8	3	3	4	9	9	0	2	2	5	5	6	6	3	3	4	4	6			
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1			

Follicular Cell, Carcinoma

GENERAL BODY SYSTEM

Tissue NOS
 Scrotal, Mesothelioma Malignant

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant																								
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma									X					X										
Carcinoma																						X		
Squamous Cell Papilloma								X		X														
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant																								
Bilateral, Interstitial Cell, Adenoma				X		X		X	X		X		X	X	X	X	X			X	X		X	X
Interstitial Cell, Adenoma					X				X									X	X			X		

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear							X																	

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 1.0	DAY ON TEST																									ANIMAL ID	males (cont...)
	062	063	067	067	067	065	066	067	067	067	066	067	066	066	067	066	067	067	066	066	065	066	066	067	065		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	001	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	001	
	1	1	1	1	1	1	3	3	3	3	4	4	5	5	5	5	6	6	6	6	9	9	9	9	0	100	
	5	5	6	6	8	8	3	3	4	4	9	9	0	2	2	5	5	6	6	6	3	3	4	4	6	100	
	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	100	
Lymph Node		+			+																						
Leukemia Mononuclear																											
Axillary, Leukemia Mononuclear																											
Brachial, Leukemia Mononuclear																											
Cervical, Carcinoma, Metastatic, Thyroid Gland																											
Deep Cervical, Leukemia Mononuclear																											
Iliac, Leukemia Mononuclear																											
Inguinal, Leukemia Mononuclear																											
Lumbar, Leukemia Mononuclear																											
Mediastinal, Leukemia Mononuclear																											
Pancreatic, Leukemia Mononuclear																											
Renal, Leukemia Mononuclear																											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear																											
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear																											
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear																											
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear																											
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Adenocarcinoma																											

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

DAY ON TEST	FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 1.0																									ANIMAL ID	males (cont...)
	062	063	067	067	067	065	066	067	067	066	067	066	066	066	067	066	067	067	066	066	065	066	066	067	065		
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			

Fibroadenoma

X

Skin

+ + + + + + + + + + + + + + + + + + + + + + + +

Fibroma

X

X

Hemangiosarcoma

X

Keratoacanthoma

X

Leukemia Mononuclear

X

Lipoma

X

Subcutaneous Tissue, Lipoma

Subcutaneous Tissue, Sarcoma

MUSCULOSKELETAL SYSTEM

Bone

+

Chondrosarcoma

Bone, Femur

+ + + + + + + + + + + + + + + + + + + + + + + +

NERVOUS SYSTEM

Brain

+

Meninges, Meningioma Malignant

X

Brain, Brain Stem

+ + + + + + + + + + + + + + + + + + + + + + + +

Brain, Cerebellum

+ + + + + + + + + + + + + + + + + + + + + + + +

Brain, Cerebrum

+ + + + + + + + + + + + + + + + + + + + + + + +

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) |
|--------------------------------------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----------------|
| | 062 | 063 | 067 | 067 | 067 | 065 | 066 | 067 | 067 | 067 | 066 | 067 | 066 | 066 | 066 | 067 | 066 | 067 | 067 | 066 | 066 | 065 | 066 | 066 | 067 | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Carcinoma, Metastatic, Thyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chondrosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | X | | | | X | | | | X | X | | X | | X | | | | | | X | | X | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Sarcoma, Metastatic, Oral Mucosa | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | + | X | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | X | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0730 | 0688 | 0659 | 0737 | 0777 | 0777 | 0777 | 0777 | 0661 | 0559 | 0730 | 0737 | 0777 | 0334 | 0737 | 0777 | 0777 | 0665 | 0737 | 0777 | | 0660 | 0732 | 0674 |
| ANIMAL ID | 01062 | 01131 | 01132 | 01141 | 01142 | 01145 | 01147 | 01148 | 01151 | 01152 | 01153 | 01154 | 01155 | 01156 | 01157 | 01158 | 01159 | 01160 | 01161 | 01162 | 01163 | 01164 | 01165 | 01166 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | X | X | | X | X | | | | | | | X | | | X | X | | X | X | | 20 |
| Mesentery | | | | | | | | | + | | | | | | | | | | | | | | | 4 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Proximal Colon | + | + | | + | + | + | + | | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 46 |
| Adenoma | | | X | X | | | | X | | | | | | | | X | | | | | | | | 7 |
| Carcinoma | | | | | | | | | | | | X | | | | | | | | | | | | 4 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0730 | 0688 | 0659 | 0737 | 0777 | 0777 | 0778 | 0777 | 0631 | 0519 | 0730 | 0777 | 0777 | 0341 | 0737 | 0777 | 0675 | 0772 | 0660 | 0772 | | 0660 | 0734 | 0669 |
| ANIMAL ID | 01062 | 01063 | 01064 | 01065 | 01066 | 01067 | 01068 | 01069 | 01070 | 01071 | 01072 | 01073 | 01074 | 01075 | 01076 | 01077 | 01078 | 01079 | 01080 | 01081 | 01082 | 01083 | 01084 | 01085 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | | | | | | | X | | | | | | | | | X | | | | | | 8 |
| Schwannoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | | 2 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | 4 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | X | | X | | | | | | | | | | | | | | | 4 |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pheochromocytoma Malignant | | | X | X | X | | X | | | | | | | | | | | X | | | X | X | | | 14 |
| Bilateral, Pheochromocytoma Benign | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | X | | | | | | | | | X | | | | | | | | X | | | 5 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 46 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | X | | | | | | | | | X | | | | | | | | | | | | | | | 3 |
| Pars Distalis, Adenoma | | X | X | | X | X | | | X | | | X | X | | X | | X | X | X | X | X | X | X | X | 27 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| C-cell, Adenoma | | | | | X | | | | | | | X | | | | | | | | | | | | | 3 |
| C-cell, Carcinoma | | X | | | | | | | | | | | | | | X | | | | | | | | | 3 |
| Follicular Cell, Adenoma | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
0 | 0
6
8
8 | 0
6
5
9 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
1
8 | 0
7
3
7 | 0
6
0
1 | 0
5
1
9 | 0
7
3
0 | 0
7
3
3 | 0
7
3
3 | 0
3
4
1 | 0
7
3
7 | 0
7
3
7 | 0
6
3
5 | 0
7
3
2 | 0
7
3
6 | 0
6
6
0 | | 0
7
3
2 | 0
6
3
4 | 0
6
4
9 |
| ANIMAL ID | 0
1
0
6
2 | 0
1
1
3
1 | 0
1
1
3
2 | 0
1
1
4
1 | 0
1
1
4
2 | 0
1
1
5
1 | 0
1
1
5
2 | 0
1
1
7
1 | 0
1
3
7
2 | 0
1
3
7
9 | 0
1
3
9
2 | 0
1
4
9
0 | 0
1
4
0
2 | 0
1
6
9
1 | 0
1
6
9
2 | 0
1
7
1
1 | 0
1
7
1
1 | 0
1
8
1
1 | 0
1
8
2
1 | 0
1
8
2
2 | 0
1
8
2
2 | 0
1
8
3
1 | 0
1
8
3
2 | 0
1
8
3
2 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lymph Node | + | M | + | | | | + | | | | M | + | | | | + | | + | | | | | 19 |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | 2 |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Brachial, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Cervical, Carcinoma, Metastatic, Thyroid Gland | | | | | | | | | | | | | | | | | | | X | | | | 1 |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Iliac, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inguinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | 5 |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pancreatic, Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | 5 |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | | | | | | | | X | | | | | | | | | | | | 8 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | | | | | X | | X | | | | | | | | | | | | | 9 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | | X | X | | X | | X | | | | X | X | | | X | X | | | X | 23 |
| Thymus | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Leukemia Mononuclear | | | | | | | | | X | | | | | | | | | | | | | | 6 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenocarcinoma | | | | | | | | | | | X | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0730 | 0688 | 0659 | 0737 | 0777 | 0777 | 0777 | 0665 | 0761 | 0777 | 0777 | 0777 | 0373 | 0777 | 0777 | 0777 | 0667 | 0777 | 0667 | 0777 | | 0667 | 0777 |
| ANIMAL ID | 01062 | 01131 | 01132 | 01141 | 01142 | 01151 | 01152 | 01161 | 01162 | 01171 | 01172 | 01181 | 01182 | 01191 | 01192 | 01201 | 01202 | 01211 | 01212 | 01221 | 01222 | 01231 | 01232 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Fibroadenoma | | | | X | | | | X | | | | | | | | | | | | | | | | 3 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Fibroma | | | | | | | | | | | | | | | | X | | | | | | | | 3 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Keratoacanthoma | | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lipoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Lipoma | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Subcutaneous Tissue, Sarcoma | | | | | | | | X | | | | | | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Chondrosarcoma | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Meninges, Meningioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 0730 | 0688 | 0659 | 0737 | 0777 | 0777 | 0778 | 0777 | 0631 | 0579 | 0730 | 0777 | 0777 | 0371 | 0777 | 0777 | 0675 | 0772 | 0772 | 0660 | | 0732 |
| ANIMAL ID | 01062 | 01132 | 01134 | 01142 | 01145 | 01147 | 01152 | 01153 | 01157 | 01159 | 01162 | 01164 | 01164 | 01166 | 01167 | 01167 | 01168 | 01168 | 01168 | 01168 | 01168 | 01168 |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Thyroid Gland | | | | | | | | | | | | | | | | X | | | | | | |
| Chondrosarcoma, Metastatic, Bone | | X | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | X | | | | | | | X | X | | | | | | | | X | X | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + |
| Sarcoma, Metastatic, Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---------------------------------|--|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| DAY ON TEST | | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 6 | | |
| FISCHER 344 RATS-NCTR RATS MALE | | 3 | 8 | 5 | 3 | 3 | 3 | 1 | 3 | 0 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 0 | 3 | 3 | 6 | 3 | 4 | 4 | | |
| ALOEWHOLLEAF 1.0 | | 0 | 8 | 9 | 7 | 7 | 8 | 7 | 1 | 9 | 0 | 7 | 7 | 1 | 7 | 7 | 7 | 5 | 7 | 2 | 0 | 2 | 9 | 9 | | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| | | 6 | 3 | 3 | 4 | 4 | 5 | 7 | 7 | 9 | 9 | 0 | 0 | 9 | 9 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | | |
| | | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | | |
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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | |
|--------------------------------------------|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|
| FISCHER 344 RATS-NCTR RATS
MALE | ALOEWHOLLEAF 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| | | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 6 | 6 | 7 | 7 | 4 | 6 | 6 | 5 | 3 | | 1 | 6 | 7 |
| | | 4 | 4 | 9 | 3 | 3 | 3 | 0 | 3 | 8 | 9 | 3 | 2 | 6 | 8 | 3 | 3 | 8 | 3 | 0 | 7 | 3 | 1 | 6 | 3 |
| | | 2 | 6 | 7 | 7 | 7 | 0 | 7 | 0 | 1 | 7 | 2 | 5 | 9 | 7 | 7 | 2 | 1 | 7 | 4 | 8 | 7 | 0 | 7 | 7 |
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| | | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 5 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 0 | 0 | 1 | 1 |
| | | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 6 | 6 | 8 | 8 | 7 | 7 | 4 | 4 | 5 | 5 | 6 | 6 | 9 | 9 | 0 | 0 |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Ascending Colon | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | X | X | | | | | X | | X | | | | | | | | | | | | X | | |
| Carcinoma | | | | | | | | | | | | | | X | | | | | X | X | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | X | | | X | X | | | | | | | X | | | X | | | | | | | | | |
| Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | X | |
| Carcinoma | | | | | | | | | | | | | | X | | | | | | | | | | |
| Leiomyosarcoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | | | | | | | X |
| Intestine Large, Colon | + | | | | | | | | | | + | + | | | | | | | | | | | | |
| Adenoma | X | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Descending Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Transverse Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | X | | | | | | | | | | X | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
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| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Intestine Small, Ileum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Intestine Small, Jejunum
Leukemia Mononuclear | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Liver
Hepatocellular Carcinoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X
X
X |
| Mesentery
Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| Oral Mucosa
Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| Pancreas
Leukemia Mononuclear
Acinar Cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X
X |
| Proximal Colon
Adenoma
Carcinoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | X
X
X |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS MALE ALOEWHOLLEAF 1.5 | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) | | |
|---------------------------------------|--------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------------|------|--|
| | 0642 | 0646 | 0667 | 0673 | 0677 | 0677 | 0677 | 0677 | 0677 | 0680 | 0683 | 0689 | 0691 | 0697 | 0697 | 0697 | 0697 | 0697 | 0697 | 0697 | 0697 | 0697 | 0697 | 0697 | | | 0697 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 111111111111111111111111 | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|------------------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| FISCHER 344 RATS-NCTR RATS
MALE | ALOEWHOLLEAF 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 6 | 6 | 7 | 7 | 4 | 6 | 6 | 5 | 3 | 1 | 6 | 7 | |
| | | 4 | 4 | 9 | 3 | 3 | 3 | 0 | 3 | 8 | 9 | 3 | 2 | 6 | 8 | 3 | 3 | 8 | 3 | 0 | 7 | 3 | 1 | 6 | 3 | 2 |
| | | 2 | 6 | 7 | 7 | 7 | 7 | 0 | 7 | 0 | 1 | 7 | 2 | 5 | 9 | 7 | 7 | 2 | 1 | 7 | 4 | 8 | 7 | 0 | 7 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 5 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 0 | 0 | 1 | 1 | |
| | | 1 | 1 | 3 | 3 | 3 | 4 | 4 | 6 | 6 | 8 | 8 | 7 | 7 | 4 | 4 | 5 | 5 | 6 | 6 | 9 | 9 | 0 | 0 | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | | |

Astrocytoma Malignant

X

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | X | | | | | | X | | | | X | | | | | X | | | X | X | X | |
| Sarcoma, Metastatic, Skin | X | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | | X |
| Renal Tubule, Adenoma | | | | X | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | X | | | | X | | | X | X | X | | | | X | | | X | X | X | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | 0642 | 0646 | 0697 | 0737 | 0777 | 0777 | 0777 | 0630 | 0668 | 0669 | 0732 | 0666 | 0668 | 0733 | 0733 | 0488 | 0633 | 0660 | 0574 | 0338 | 0161 | 0676 | 0732 | ANIMAL ID
0001
0001
0003
0003
0002
0002
0002
0002
0004
0004
0005
0005
0007
0007
0008
0008
0008
0008
0009
0009
0000
0000
0001
0001
0001
0001
0001
0002
0002 | males
(cont...) |
| | ANIMAL ID | 0001 | 0001 | 0003 | 0003 | 0002 | 0002 | 0002 | 0002 | 0004 | 0004 | 0004 | 0004 | 0005 | 0005 | 0007 | 0007 | 0008 | 0008 | 0008 | 0008 | 0009 | 0009 | 0000 | | |

Mesothelioma Malignant

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--------------------------------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|
| | 050 | 035 | 073 | 073 | 068 | 073 | 073 | 050 | 066 | 056 | 074 | 044 | 046 | 066 | 066 | 067 | 054 | 045 | 072 | 073 | | 073 | 073 | 073 |
| ANIMAL ID | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | | 2 |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hepatocellular Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | X | X | X | | | | | X | X | X | X | X | X | | X | | X | X | | 22 |
| Mesentery | | | | | + | | | | + | | | | | | | | | | | | | | | 5 |
| Mesothelioma Malignant | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | X | | 4 |
| Acinar Cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Proximal Colon | A | M | + | + | + | + | + | + | + | + | + | M | M | + | + | + | M | + | + | + | + | + | 41 | |
| Adenoma | | | | X | | | | X | | X | | | | X | | | | X | | X | | X | | 10 |
| Carcinoma | | | | | | | | | | | | | | | | | X | | | | | | | 4 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS MALE | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------------------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|
| | 050 | 035 | 073 | 073 | 069 | 073 | 073 | 050 | 068 | 054 | 073 | 047 | 044 | 062 | 066 | 066 | 054 | 045 | 072 | 073 | |
| ANIMAL ID | ALOEWHOLLEAF 1.5 | | | | | | | | | | | | | | | | | | | | |
| | 011 | 012 | 012 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 | 013 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | X | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | X | | | | | X | | | | | | | X | X | |
| Schwannoma Malignant | | | | | | | | | | | | | | | | | | X | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | X | | X | | | | | | | | | | | | | | X | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | X | |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | X | | | | | X |
| Pheochromocytoma Malignant | | | X | | | | | | | | | | | | | | | X | X | | |
| Bilateral, Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | X | | | | | | | | X | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | X | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|------------------------------------------------------------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|
| | 050 | 035 | 073 | 073 | 069 | 073 | 073 | 050 | 068 | 054 | 073 | 047 | 044 | 062 | 066 | 067 | 054 | 045 | 072 | 073 | | 073 | 073 |
| ANIMAL ID | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 |
| Leukemia Mononuclear
Pars Distalis, Adenoma | | | X | | | X | | X | X | | X | | X | X | | X | | X | | X | X | | |
| Thyroid Gland
Bilateral, C-cell, Adenoma
C-cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS
Mediastinum, Leukemia Mononuclear
Scrotal, Mesothelioma Malignant | | | | | | | | | | | | | | | + | | | | | | | | |
| | | | | | | | | | | | | | | | | X | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland
Adenoma
Carcinoma
Squamous Cell Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Testes
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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M .. Missing tissue
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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--------------------------------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|
| | 050 | 035 | 073 | 073 | 069 | 073 | 073 | 050 | 068 | 054 | 063 | 074 | 043 | 047 | 062 | 066 | 067 | 054 | 045 | 072 | | 073 | 073 | 073 |
| ANIMAL ID | 011 | 012 | 012 | 012 | 012 | 013 | 013 | 013 | 013 | 016 | 016 | 016 | 016 | 016 | 016 | 016 | 016 | 019 | 019 | 019 | 019 | 019 | 019 | 019 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Fibroadenoma | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibroma | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Sarcoma | X X | | | | | | | | | | | | | | | | | | | | | | | 2 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | 2 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X X X X | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X X X X | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X X X X | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|-------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------|----------------------|
| | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
6
9
1 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | 0
4
8
6 | 0
5
4
8 | 0
6
6
2 | 0
7
3
7 | 0
7
3
7 | 0
7
3
4 | 0
7
3
7 | 0
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7 | 0
7
3
7 | 0
7
3
7 | 0
4
3
7 | 0
7
3
7 | 0
4
3
7 | 0
7
3
7 | | | |
| Salivary Glands
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Forestomach
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Heart
Leukemia Mononuclear
Schwannoma Malignant | + | + | + | X | X | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adrenal Medulla
Leukemia Mononuclear | + | + | + | + | X | + | + | + | + | + | + | X | X | + | + | + | + | + | + | + | + | + | M | + | + | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Pituitary Gland
Leukemia Mononuclear
Pars Distalis, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
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 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) |
|----------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|-------------------|
| | 0737 | 0737 | 0737 | 0737 | 0693 | 0737 | 0737 | 0488 | 0548 | 0662 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0474 | 0737 | 0684 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00091 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00011 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00112 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00333 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00333 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00444 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00446 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00666 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00666 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00777 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|-------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
| | 0737 | 0737 | 0737 | 0737 | 0691 | 0730 | 0730 | 0486 | 0548 | 0662 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | | | 0474 |
| | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |

Ear, Squamous Cell Papilloma

MUSCULOSKELETAL SYSTEM

Bone, Femur + + + + + + + + + + + + + + + + + + + + + + + + + +

NERVOUS SYSTEM

Brain, Brain Stem + + + + + + + + + + + + + + + + + + + + + + + + + +

Brain, Cerebellum
 Carcinoma, Metastatic, Pituitary Gland + + + + + + + X + + + + + + + + + + + + + + + +

Brain, Cerebrum
 Leukemia Mononuclear + + + + + + + + + + + + + + + + + + + + + + + + + +

RESPIRATORY SYSTEM

Lung
 Alveolar/Bronchiolar Adenoma + + + + + + + + + + + X + + + + + + + + + + + +
 Leukemia Mononuclear + + + + + + + + + + + X X + + + + + + + + + + + +

Nose + + + + + + + + + + + + + + + + + + + + + + + + + +

Trachea + + + + + + + + + + + + + + + + + + + + + + + + + +

SPECIAL SENSES SYSTEM

Eye + + + + + + + + + + + + + + + + + + + + + + + + + +

Harderian Gland + + + + + + + + + + + + + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
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 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|------------------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| FISCHER 344 RATS-NCTR RATS FEMALE | | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 4 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 0 | 9 | 3 | 0 | 8 | 4 | 6 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CONTROL WATER | | 7 | 7 | 7 | 1 | 0 | 7 | 2 | 6 | 8 | 2 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | |
| | | 9 | 9 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 4 | 1 | 1 | 3 | 3 | 4 | 4 | 7 | 7 | 0 | 0 | 9 | 9 | 0 | 0 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |

Zymbal's Gland
 Squamous Cell Carcinoma

+
 X

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder
Transitional Epithelium, Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | X | X | | | | | | | X | X | | X | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS FEMALE | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS | | | |
|---------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------|------|------|------|
| | 0737 | 0688 | 0597 | 0737 | 0737 | 0737 | 0737 | 0471 | 0677 | 0675 | 0737 | 0737 | 0737 | 0737 | 0737 | 0031 | 0737 | 0737 | 0674 | 0737 | | | 0650 | 0737 | 0537 |
| CONTROL WATER | 0091 | 0092 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 | 0091 | 0092 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Ascending Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Intestine Large, Cecum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Descending Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Transverse Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hepatocellular Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | 1 | |
| Leukemia Mononuclear | | | | | | | | X | | | X | | | | | | | X | | X | | X | | 9 | |
| Mesentery | | | | | | | | | | | | | | | | + | | | | + | | | | 6 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | | | 2 | |
| Proximal Colon | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | A | + | + | 43 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS FEMALE
CONTROL WATER | DAY ON TEST | 0737 | 0688 | 0597 | 0737 | 0777 | 0777 | 0477 | 0677 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0077 | 0777 | 0677 | 0777 | 0677 | 0777 | 0577 | 0577 | | | |
|-------------------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|--|
| | ANIMAL ID | 00912 | 00921 | 00922 | 00971 | 00972 | 01000 | 01001 | 01002 | 01005 | 01006 | 01011 | 01012 | 01014 | 01014 | 01014 | 01017 | 01023 | 01023 | 01026 | 01027 | 01032 | 01038 | 01042 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| Salivary Glands
Leukemia Mononuclear | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48
1 | |
| Stomach, Forestomach
Squamous Cell Papilloma | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48
1 | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 | |
| Heart
Leukemia Mononuclear
Schwannoma Malignant | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48
5
1 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 | |
| Adrenal Medulla
Leukemia Mononuclear | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47
4 | |
| Islets, Pancreatic | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 | |
| Parathyroid Gland | | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47 | | |
| Pituitary Gland
Leukemia Mononuclear
Pars Distalis, Adenoma | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48
1
32 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 07 | 06 | 05 | 07 | 07 | 07 | 07 | 04 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 00 | 07 | 07 | 06 | | 07 | 06 | 07 |
| ANIMAL ID | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 | 00912 |

Pars Distalis, Carcinoma

1

Thyroid Gland

+ + + + + + + + + + + + + + + + + + + + + +

48

C-cell, Adenoma

X

X

X

X

5

C-cell, Carcinoma

1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + + + + + + + + + + + + + + + + + + + + +

48

Adenoma

X

X

5

Carcinoma

X

3

Ovary

+ + + + + + + + + + + + + + + + + + + + + +

48

Leukemia Mononuclear

X

X

3

Uterus

+ + + + + + + + + + + + + + + + + + + + + +

48

Leiomyosarcoma

1

Polyp Stromal

X

X

X

X

11

Vagina

+

4

Leiomyosarcoma, Metastatic, Uterus

1

HEMATOPOIETIC SYSTEM

Bone Marrow

+ + + + + + + + + + + + + + + + + + + + + +

48

Leukemia Mononuclear

1

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | |
|-------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|------|------|-----------------|
| | 0737 | 0688 | 0597 | 0773 | 0773 | 0773 | 0773 | 0471 | 0677 | 0725 | 0737 | 0737 | 0737 | 0737 | 0737 | 0073 | 0737 | 0674 | 0737 | 0670 | | | 0737 | 0537 |
| | 0091 | 0092 | 0092 | 0091 | 0097 | 0090 | 0090 | 0092 | 0092 | 0092 | 0094 | 0094 | 0094 | 0094 | 0097 | 0097 | 0097 | 0097 | 0097 | 0097 | 0097 | 0097 | 0097 | |
| | 12 | 11 | 27 | 17 | 70 | 00 | 00 | 55 | 55 | 66 | 22 | 22 | 33 | 33 | 33 | 33 | 66 | 77 | 11 | 22 | 66 | 77 | 88 | * TOTALS |

Lymph Node
 Axillary, Leukemia Mononuclear + + + 9
 Lumbar, Leukemia Mononuclear X 3
 Mediastinal, Leukemia Mononuclear X 5
 Pancreatic, Leukemia Mononuclear X X 5
 Renal, Leukemia Mononuclear X 2

Lymph Node, Mandibular + + + + + + + + + + + + + + + + + + + + + + 48
 Leukemia Mononuclear X 5

Lymph Node, Mesenteric + + A + + + + + + + + + + + M + + + + + + 46
 Leukemia Mononuclear X X 7

Spleen + + + + + + + + + + + + + + + + + + + + + + 48
 Hemangiosarcoma 1
 Leukemia Mononuclear X X X 9

Thymus + + + + + + + + + + + + + + + M + + M + + + + 46
 Leukemia Mononuclear X 3

INTEGUMENTARY SYSTEM

Mammary Gland + + + + + + + + + + + + + + M + + + + + + 47
 Adenocarcinoma 1
 Fibroadenoma X X X X X X 12

Skin + + + + + + + + + + + + + + + + + + + + + + 48
 Basal Cell Carcinoma X 1
 Sarcoma X 1

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------------------|-----------|-------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|---|
| FISCHER 344 RATS-NCTR RATS FEMALE | ANIMAL ID | 7 | 6 | 5 | 7 | 7 | 7 | 4 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 5 | 7 |
| | | 3 | 8 | 9 | 3 | 3 | 3 | 7 | 7 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 7 | 3 | 5 | 3 | 5 | 5 | 5 | 7 |
| CONTROL WATER | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 9 | 9 | 9 | 9 | 0 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| | | 1 | 2 | 2 | 7 | 7 | 0 | 5 | 5 | 6 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | |
| | | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ear, Squamous Cell Papilloma | | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Brain, Cerebellum | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Carcinoma, Metastatic, Pituitary Gland | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Brain, Cerebrum | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | X
1 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Leukemia Mononuclear | | X X X X | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| Nose | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Trachea | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Harderian Gland | | + + + + + + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|--|
| FISCHER 344 RATS-NCTR RATS FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 4 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 6 | 7 | 5 | | |
| | | 3 | 8 | 9 | 3 | 3 | 3 | 3 | 7 | 7 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 7 | 3 | 5 | 3 | 5 | |
| CONTROL WATER | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 2 | 7 | 7 | 0 | 0 | 5 | 5 | 6 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 6 | 6 | 7 | 7 | 8 | 8 | | |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |

Zymbal's Gland
 Squamous Cell Carcinoma

1
 1

URINARY SYSTEM

Kidney
 Urinary Bladder
 Transitional Epithelium, Papilloma

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | | | | | | | X | | | | | | | | | | 1 |

SYSTEMIC LESIONS

Multiple Organ
 Leukemia Mononuclear

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | X | | | | | X | | | | | | | X | | X | | X | | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------------|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS-NCTR RATS FEMALE | ALOEWHOLLEAF 0.5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |
| | | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 7 | 3 | 6 | 3 | 3 | 3 | 1 | 3 | 3 | 7 | 3 | 3 |
| | | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 7 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 7 |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 7 | 7 | 8 | 8 | 8 | 8 |
| | | 5 | 5 | 8 | 8 | 7 | 8 | 8 | 7 | 9 | 9 | 0 | 0 | 3 | 3 | 6 | 6 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | |

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Ascending Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum Lipoma | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Descending Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Transverse Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Leukemia Mononuclear | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | X | X | + | + | + | + |
| Mesentery | | | | | + | + | | + | + | | | | | | | | + | + | | | | + | | |
| Oral Mucosa Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | + | X |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
|-----------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-------------------|
| FISCHER 344 RATS-NCTR RATS FEMALE | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | | |
| ALOEWHOLLEAF 0.5 | | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 7 | 3 | 6 | 3 | 3 | 3 | 1 | 3 | 3 | 7 | 3 | 3 | | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | | |
| | | 5 | 5 | 8 | 8 | 7 | 8 | 8 | 7 | 9 | 0 | 0 | 3 | 3 | 6 | 6 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Proximal Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 0.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|----------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|--|--|
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7 | | | | |
| Pars Distalis, Adenoma | X | | | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| Pars Distalis, Carcinoma | | | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| C-cell, Adenoma | | | | | X | | | | | | | | | | | | | | | X | | | X | | | | |
| C-cell, Carcinoma | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Adenoma | | | | X | | | | X | | | | | | | | | | | X | | | | | | | | |
| Adenoma, Multiple | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | X | | | | | | | | | | X | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Polyp Stromal | | X | X | X | | | X | | | | | | | | | | | | | | | X | | | | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyp | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 0.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|----------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|
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1 |

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|------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node
Brachial, Leukemia Mononuclear | + | | | | | | | + | | + | | | | | | | | | | | | | | | | |
| Lymph Node, Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Lymph Node, Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Lymph Node, Thoracic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Lymph Node, Mesenteric
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Spleen
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Adenocarcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mammary Gland
Fibroadenoma | X | | | X | X | | | | | | X | X | | | X | X | X | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|------------------------------------------|-------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------------|----|----|
| | | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | 07 | 07 |
| FISCHER 344 RATS-NCTR RATS FEMALE | | 20 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | ALOEWHOLLEAF 0.5 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| | ANIMAL ID | 00 | 00 | 00 | 00 | 02 | 02 | 02 | 02 | 03 | 03 | 03 | 03 | 04 | 04 | 05 | 05 | 05 | 05 | 07 | 07 | 08 | 08 | 08 |
| | | 51 | 52 | 81 | 82 | 71 | 72 | 81 | 82 | 71 | 72 | 81 | 82 | 71 | 72 | 91 | 92 | 01 | 02 | 31 | 32 | 61 | 62 | 11 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | X | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS FEMALE ALOEWHOLLEAF 0.5 | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) |
|-------------|----------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|-------------------|
| | 0720 | 0730 | 0737 | 0733 | 0733 | 0733 | 0733 | 0733 | 0734 | 0733 | 0733 | 0733 | 0737 | 0733 | 0736 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0736 | 0737 | 0737 | | |
| | 0000 | 0000 | 0000 | 0002 | 0002 | 0002 | 0002 | 0003 | 0003 | 0003 | 0003 | 0004 | 0004 | 0005 | 0005 | 0005 | 0005 | 0007 | 0007 | 0008 | 0008 | 0008 | 0008 | 0008 | 0001 | |
| | 51 | 52 | 81 | 82 | 71 | 72 | 81 | 82 | 71 | 72 | 91 | 92 | 01 | 02 | 31 | 32 | 61 | 62 | 11 | 12 | 11 | 12 | 11 | 12 | 11 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lacrimal Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | X | | | | | | | | | | | | | | X | | | X | X | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 0.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|----------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|------|--|
| | 0647 | 0737 | 0737 | 0356 | 0698 | 0523 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0684 | 0556 | 0496 | 0737 | 0737 | 0527 | | 0472 | 0737 | 0711 | 0731 | |
| ANIMAL ID | 01032 | 01041 | 01044 | 01071 | 01077 | 01081 | 01088 | 01090 | 01092 | 01093 | 01094 | 01095 | 01095 | 01096 | 01096 | 01096 | 01096 | 01096 | 01096 | 01096 | 01096 | 01096 | 01096 | 01096 | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Proximal Colon | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | 45 | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | 1 | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | | | 1 | | |
| Adrenal Medulla | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 45 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 0.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|----------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| | 0
6
4
7 | 0
7
3
7 | 0
7
3
7 | 0
3
5
6 | 0
6
9
8 | 0
5
2
3 | 0
7
7
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
6
8
4 | 0
5
5
6 | 0
4
9
6 | 0
7
3
7 | 0
7
3
7 | 0
5
2
7 | 0
4
7
2 | 0
7
3
7 | | 0
7
1
1 | 0
7
3
1 |
| ANIMAL ID | 0
1
0
3
2 | 0
1
0
4
1 | 0
1
0
4
2 | 0
1
1
7
1 | 0
1
1
7
2 | 0
1
1
8
1 | 0
1
1
8
2 | 0
1
2
0
1 | 0
1
2
0
2 | 0
1
3
4
1 | 0
1
3
4
2 | 0
1
5
5
1 | 0
1
6
2
2 | 0
1
6
3
1 | 0
1
6
3
2 | 0
1
6
4
1 | 0
1
6
4
2 | 0
1
6
6
1 | 0
1
8
6
2 | 0
1
8
6
2 | 0
1
8
8
1 | 0
1
8
8
2 | |
| Pars Distalis, Adenoma | | X | X | X | X | X | | X | X | X | X | X | | X | X | | | X | X | X | X | | 35 |
| Pars Distalis, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| C-cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | 3 |
| C-cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | X | | | | | | X | | | | X | X | | | | | | X | | 8 |
| Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | | | | | X | | | | X | | | | | | 4 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Polyp Stromal | | X | | | | X | | X | | | | | X | | X | X | | X | | | X | | 13 |
| Vagina | + | | | + | | | | | | | | | | | | | | + | | | | | 3 |
| Polyp | | | | | | | | | | | | | | | | | | X | | | | | 1 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 0.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|----------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|------|--|
| | 0647 | 0737 | 0737 | 0356 | 0698 | 0523 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0737 | 0684 | 0556 | 0496 | 0737 | 0737 | 0572 | | 0477 | 0737 | 0737 | 0737 | |
| ANIMAL ID | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | 01032 | | |
| Lymph Node | + | | | | + | | | | | | | | | + | | | | | | | | | | | 7 | |
| Brachial, Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | | | | 1 | |
| Lumbar, Leukemia Mononuclear | X | | | | | | | | | | | | | | X | | | | | | | | | | 2 | |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pancreatic, Leukemia Mononuclear | X | | | | X | | | | | | | | | X | | | | | | | | | | | 4 | |
| Thoracic, Leukemia Mononuclear | | | | | X | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Leukemia Mononuclear | X | X | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Leukemia Mononuclear | X | X | | | X | | | | | | | X | | X | | X | | | | | X | | X | 12 | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 45 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Adenocarcinoma | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Fibroadenoma | | | | | X | X | | X | | | X | | X | | | | | X | | X | | | | 15 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | + | | | | | | | | | | | | + | | | | | | | 2 | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|------------------------------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|
| | ALOEWHOLLEAF 0.5 | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 067736592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | 07773592 | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | | | | + | | | | | | + | | | | | | | | | | | | | 3 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Peripheral Nerve | | | | + | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord | | | | + | | | | | | | | | | | | | | | | | | | 1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Leukemia Mononuclear | X | | | | X | | | | | | | X | | X | | | | | | | | | 6 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|----------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|
| | 0
7
3
7 | 0
7
3
7 | 0
5
0
6 | 0
6
8
7 | 0
7
3
7 | 0
5
5
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
4
1
5 | 0
5
9
6 | 0
7
3
7 | 0
4
7
7 | 0
7
2
9 | 0
7
3
7 | 0
6
1
9 | 0
5
7
2 | 0
6
6
6 | 0
5
7
2 | 0
7
3
7 | 0
7
3
7 | 0
6
5
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Histiocytic Sarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | X | | | X | | | | | | | | X | X | | X | | | | X | X | X | | | | | |
| Mesentery | + | | | + | | | | | | | | | | | | | | | | + | | | | | | | |
| Histiocytic Sarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oral Mucosa | | | | | | | | | | + | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Histiocytic Sarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Proximal Colon | + | + | M | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adenoma | X | | | | | | X | | | | | X | | | | | | | | | | | | | | | |
| Carcinoma | X | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | females
(cont...) | |
|----------------------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
| | | 7 | 7 | 5 | 6 | 7 | 5 | 7 | 7 | 7 | 4 | 5 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 6 | 5 | 7 | 7 | 6 | 7 | | | 7 |
| | | 3 | 3 | 0 | 8 | 3 | 5 | 3 | 3 | 3 | 1 | 9 | 3 | 7 | 2 | 3 | 3 | 1 | 7 | 6 | 7 | 3 | 3 | 5 | 3 | 3 | | |
| | | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 9 | 7 | 7 | 9 | 2 | 6 | 2 | 2 | 7 | 7 | 7 | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 9 | 9 | 0 | | |
| | | 3 | 3 | 4 | 4 | 7 | 9 | 9 | 0 | 0 | 5 | 5 | 6 | 6 | 1 | 1 | 7 | 7 | 8 | 8 | 5 | 5 | 6 | 6 | 5 | | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Adenoma | X | X | | | X | X | | X | X | | X | X | X | X | | X | | X | | X | X | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, C-cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--------------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|
| FISCHER 344 RATS-NCTR RATS
FEMALE | | 0
7
3
7 | 0
7
3
7 | 0
5
0
6 | 0
6
8
7 | 0
7
3
7 | 0
5
5
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
4
1
5 | 0
5
9
6 | 0
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7 | 0
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9 | 0
7
3
7 | 0
6
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9 | 0
5
7
2 | 0
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6 | 0
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2 | 0
7
3
7 | 0
7
3
7 | 0
6
5
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | | |
| ALOEWHOLLEAF 1.0 | | 0
0
1
3
1 | 0
0
1
3
2 | 0
0
1
4
1 | 0
0
1
4
1 | 0
0
1
7
2 | 0
0
1
7
1 | 0
0
1
9
2 | 0
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9
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9
6
1 | | 0
0
9
6
2 |
| C-cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C-cell, Carcinoma | | | X | | | | | | | | | | | | | | | | | | | | | | | | X |

GENERAL BODY SYSTEM

Tissue NOS
 Mediastinum, Histiocytic Sarcoma

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|--|---|--|--|--|--|--|--|---|---|---|--|--|--|---|--|--|--|--|--|--|--|---|--|---|
| Clitoral Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adenoma | X | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Uterus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyp Stromal | | | | | | | | | | | X | X | X | | | | X | | | | | | | | | | X |
| Endometrium, Adenocarcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--------------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| FISCHER 344 RATS-NCTR RATS
FEMALE | ANIMAL ID | 7 | 7 | 5 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 6 | 5 | 7 | 7 | 6 | 7 | |
| ALOEWHOLLEAF 1.0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 5 | 5 | 6 | 6 |
| | | 3 | 3 | 4 | 4 | 7 | 9 | 9 | 0 | 5 | 5 | 6 | 6 | 1 | 1 | 7 | 7 | 8 | 8 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |

Fibroma X
 Sarcoma X
 Subcutaneous Tissue, Fibroma

MUSCULOSKELETAL SYSTEM

Bone, Femur + + + + + + + + + + + + + + + + + + + + + + + +

NERVOUS SYSTEM

Brain, Brain Stem + + + + + + + + + + + + + + + + + + + + + + + +

Leukemia Mononuclear

Brain, Cerebellum + + + + + + + + + + + + + + + + + + + + + + + +

Leukemia Mononuclear

Brain, Cerebrum + + + + + + + + + + + + + + + + + + + + + + + +

Astrocytoma Malignant X
 Leukemia Mononuclear

RESPIRATORY SYSTEM

Lung + + + + + + + + + + + + + + + + + + + + + + + +

Carcinoma, Metastatic, Thyroid Gland X

Histiocytic Sarcoma X

Leukemia Mononuclear X X X X X X X

Nose + + + + + + + + + + + + + + + + + + + + + + + +

Trachea + + + + + + + + + + + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|------------------------------------------|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | | 0737 | 0737 | 0756 | 0767 | 0775 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | |
| FISCHER 344 RATS-NCTR RATS FEMALE | | 37 | 37 | 06 | 83 | 37 | 53 | 33 | 33 | 11 | 93 | 37 | 77 | 23 | 33 | 11 | 76 | 55 | 66 | 57 | 33 | 33 | 55 | 33 | 77 | |
| | ALOEWHOLLEAF 1.0 | 1131 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | |
| | ANIMAL ID | 131 | 234 | 112 | 117 | 117 | 119 | 119 | 20 | 21 | 35 | 35 | 36 | 36 | 51 | 51 | 67 | 67 | 88 | 88 | 51 | 51 | 51 | 66 | 51 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zymbal's Gland
Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ
Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | X | | X | X | | | | | | X | X | | X | | | | X | X | X | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
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 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|----------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------|
| | 0737 | 0737 | 0737 | 0737 | 0570 | 0777 | 0777 | 0777 | 0777 | 0777 | 0476 | 0766 | 0666 | 0776 | 0666 | 0776 | 0666 | 0556 | 0556 | 0776 | | 0776 | 0556 | 0556 |
| ANIMAL ID | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | 01052 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | A | + | A | + | A | + | + | + | + | + | + | + | + | 45 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | X | | | | | | | | | | | | | | | 2 |
| Leukemia Mononuclear | | X | | | | X | | | | | X | | | X | X | X | X | | | | | X | | 16 |
| Mesentery | + | | | | | | | | | | | | + | + | + | | + | + | | + | | | | 10 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | X | | | | | | | 2 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Proximal Colon | + | + | + | + | + | + | + | + | + | + | M | + | A | + | A | + | + | + | + | + | + | + | + | 42 |
| Adenoma | | X | | | | | | | | | | | | | | | | | | | | | | 4 |
| Carcinoma | | | | | | | | | | | | X | | | | | | | | | | | | 2 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.0 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|----------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
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| ANIMAL ID | 0
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4
1 | 0
1
8
4
2 | 0
1
8
4
2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|---|--|---|
| Lymph Node | | | | | | | | | | | | | | | | | | | | | + | + | + | 8 | | | |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | 2 | | | |
| Mediastinal, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | 2 | | | |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | 3 | | | |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | X | X | X | | 6 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | X | X | X | | 7 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| Leukemia Mononuclear | | X | X | | X | | | X | | X | X | X | X | X | | | | | | | X | | 19 | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 45 | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | X | X | | 4 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|--|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | |
| Fibroadenoma | | | | | | | | | | | | | | | | | | | | | | X | X | | X | X | | 9 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | |
| Basal Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|-------------|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|
| | ALOEWHOLLEAF 1.0 | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 6 | 6 | 7 | 6 | 7 | 6 | 5 | 5 | 7 | 7 | 5 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 6 | 2 | 2 | 2 | 9 | 0 | 3 | 3 | 3 | 6 |
| | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 8 | 9 | 9 | 5 | 3 | 2 | 2 | 6 | 7 | 7 | 5 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 7 | 8 | 8 | |
| | 5 | 7 | 7 | 8 | 8 | 6 | 6 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 2 | 2 | 4 | 4 | |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|--|--|---|
| Fibroma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | X | | | 2 |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | X | | | | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | X | | | X | | | | | | | | | | 2 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Astrocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | X | | | X | | | | | | | | | | 2 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Carcinoma, Metastatic, Thyroid Gland | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | X | | | X | | | | X | | X | X | X | | | | | | | | | | 12 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | |
|--------------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| FISCHER 344 RATS-NCTR RATS
FEMALE | | 0
5
2
4 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
2
0 | 0
7
3
7 | 0
5
3
6 | 0
4
7
6 | 0
6
7
3 | 0
7
4
7 | 0
4
3
2 | 0
5
4
3 | 0
7
6
7 | 0
7
7
7 | 0
6
3
7 | 0
7
3
7 | 0
6
6
9 | 0
7
3
0 | 0
7
2
3 | 0
7
3
7 | | 0
7
3
7 | 0
6
9
2 | 0
6
6
2 | | |
| ALOEWHOLLEAF 1.5 | | 0
0
0
2
1 | 0
0
0
2
2 | 0
0
0
4
1 | 0
0
0
2
1 | 0
0
2
2
2 | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
2 | 0
0
4
5
1 | 0
0
4
5
7 | 0
0
4
4
1 | 0
0
4
5
7 | 0
0
5
5
8 | 0
0
5
5
8 | 0
0
6
6
9 | 0
0
6
6
2 | 0
0
7
7
1 | 0
0
7
7
3 | 0
0
5
5
1 | 0
0
7
7
2 | | 0
0
7
7
1 | 0
0
6
6
6 | 0
0
7
7
7 | 0
0
6
6
1 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Liver | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | X | X | X | | | X | X | X | X | X | X | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Proximal Colon | | M | + | + | + | + | A | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adenoma | | | | X | | X | | | | | | | | | X | | | | | | | | | | X | | |
| Carcinoma | | | | | | X | X | | | | | | | | | | | | | | | | | | X | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | X | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
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 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|--------------------------------------|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|------|
| FISCHER 344 RATS-NCTR RATS
FEMALE | ALOEWHOLLEAF 1.5 | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0524 | 0737 | 0737 | 0737 | 0737 | 0737 | 0576 | 0467 | 0673 | 0737 | 0443 | 0577 | 0677 | 0737 | 0737 | 0737 | 0679 | 0737 | 0737 | 0737 | 0737 | 0679 | 0737 | 0737 | | 0679 | 0737 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Adrenal Medulla | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Bilateral, Pheochromocytoma Malignant | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Pars Distalis, Adenoma | | | X | X | | | X | X | | | X | | | | | | | X | | X | | X | | | | | | X | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| C-cell, Adenoma | | | X | | | | | | | | | | | | | | X | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
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 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|----------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|
| | 0524 | 0737 | 0737 | 0737 | 0737 | 0737 | 0576 | 0466 | 0677 | 0743 | 0743 | 0743 | 0743 | 0677 | 0777 | 0777 | 0777 | 0676 | 0777 | 0777 | 0777 | 0777 | 0676 | 0666 | | |
| | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | |
| | 0002 | 0004 | 0004 | 0001 | 0001 | 0002 | 0002 | 0002 | 0005 | 0005 | 0007 | 0007 | 0008 | 0009 | 0009 | 0006 | 0006 | 0007 | 0003 | 0003 | 0005 | 0005 | 0006 | 0007 | | |
| | 1221 | 221 | 41 | 12 | 11 | 22 | 22 | 22 | 51 | 52 | 71 | 72 | 81 | 91 | 92 | 11 | 12 | 11 | 12 | 11 | 12 | 11 | 12 | 11 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leiomyoma | | | | | | | | | | | | | | | | | | | | | X | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | | | |
| Polyp Stromal | X | | | | | X | | | | | | | | X | | | | | | | | | | |
| Endometrium, Adenocarcinoma | | X | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | + | + | | + |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | | | |
| Lymph Node | + | | | | | | | | | | | | + | | | | | | | | + | | | + |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | | | |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | X |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | | | |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | X | | | X |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | | | X |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | X | | X | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | | X | X |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
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| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--------------------------------------|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|
| FISCHER 344 RATS-NCTR RATS
FEMALE | ALOEWHOLLEAF 1.5 | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0524 | 0737 | 0777 | 0777 | 0777 | 0777 | 0575 | 0464 | 0667 | 0773 | 0773 | 0444 | 0573 | 0777 | 0677 | 0777 | 0677 | 0777 | 0777 | 0777 | 0777 | 0777 | 0677 | 0777 | | 0677 |
| | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |

Meningioma Malignant

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | X | | | | | | | X | | | | X | X | X |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| FISCHER 344 RATS-NCTR RATS FEMALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | 054 | 077 | 077 | 077 | 077 | 075 | 046 | 077 | 044 | 057 | 076 | 077 | 077 | 077 | 067 | 077 | 077 | 077 | 077 | 077 | 067 | 077 | 066 | 066 | females
(cont...) |
| | ANIMAL ID | 0021 | 0004 | 0004 | 0021 | 0021 | 0021 | 0022 | 0045 | 0047 | 0048 | 0055 | 0055 | 0055 | 0055 | 0066 | 0066 | 0073 | 0073 | 0075 | 0075 | 0055 | 0066 | 0066 | 0077 | |

Leukemia Mononuclear

X X

SYSTEMIC LESIONS

Multiple Organ
 Leukemia Mononuclear

+ + + + + + + + + + + + + + + + + + + + + +
 X X X X X X X X X X X X X X X X X X X X X X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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TDMS No. 20116 - 03
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|----------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0737 | 0737 | 0737 | 0484 | 0645 | 0462 | 0670 | 0666 | 0454 | 0737 | 0737 | 0737 | 0737 | 0481 | 0633 | 0329 | 0279 | 0053 | 0688 | 0730 | |
| ANIMAL ID | 00872 | 00881 | 00882 | 00111 | 00112 | 00112 | 00114 | 00112 | 00112 | 00112 | 00113 | 00113 | 00115 | 00115 | 00115 | 00115 | 00115 | 00116 | 00116 | 00118 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | 1 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | X | | | | | | | | X | X | X | X | | | X | | | | 16 |
| Mesentery | | + | | | | | + | | | | | | + | | | | | | | | 4 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | 1 |
| Proximal Colon | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | M | + | M | M | + | 39 |
| Adenoma | | | | | | | | | | | | | | X | | | | | | | 5 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | X | 4 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | X | X | | | X | | | 7 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|----------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0737 | 0737 | 0737 | 0484 | 0665 | 0462 | 0670 | 0666 | 0474 | 0777 | 0777 | 0777 | 0777 | 0478 | 0639 | 0329 | 0273 | 0588 | 0688 | 0730 | |
| ANIMAL ID | 00872 | 00881 | 00882 | 00111 | 00112 | 00112 | 00112 | 00114 | 00112 | 00112 | 00113 | 00113 | 00115 | 00115 | 00115 | 00115 | 00115 | 00116 | 00118 | 00118 | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | X | X | | | | | | 4 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | X | | X | | | 5 |
| Bilateral, Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | 1 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | 2 |
| Pars Distalis, Adenoma | X | | | | | | X | | | X | X | X | | X | | | | X | X | X | 18 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| C-cell, Adenoma | X | | | | | | | | | | | | | | | | | | | | 3 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | X | | X | | | | | | | | | | | | | | | | | | 3 |
| Carcinoma | | | | | | | X | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-----------------------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 0737 | 0737 | 0737 | 0484 | 0695 | 0482 | 0650 | 0726 | 0646 | 0777 | 0777 | 0777 | 0777 | 0777 | 0489 | 0639 | 0299 | 0737 | 0583 | 0687 | | 0730 |
| ALOEWHOLLEAF 1.5 | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| | 00872 | 00882 | 00882 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | 01112 | | 01112 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | X | X | | | | | 3 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leiomyoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | 2 |
| Polyp Stromal | X | X | X | | X | | | X | | | | | | | | | | | | | | 8 |
| Endometrium, Adenocarcinoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Vagina | | | | | | | | | | + | | | | | | | | | | | | 4 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | 2 |
| Lymph Node | | | | | | | | | | + | | | | | + | + | | | + | | | 9 |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | X | | | 2 |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | X | | | | | X | | | 3 |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | X | | | 5 |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | X | | | 3 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | X | | | | X | | | 6 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | X | X | X | | | | 9 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 20116 - 03
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 01/15/2010
 Time Report Requested: 14:39:01
 First Dose M/F: 04/17/05 / 04/17/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|----------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0737 | 0737 | 0737 | 0484 | 0665 | 0462 | 0670 | 0666 | 0464 | 0777 | 0777 | 0777 | 0777 | 0478 | 0639 | 0329 | 0737 | 0583 | 0687 | 0730 | |
| ANIMAL ID | 00872 | 00881 | 00882 | 00111 | 00112 | 00112 | 00112 | 00114 | 00112 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | |
| Leukemia Mononuclear | X | X | | | | | | | | | X | X | X | X | X | | X | | | | 18 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 44 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | A | + | 1 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Fibroadenoma | X | | | | | | X | | | | | | X | | | | | X | X | | 8 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Head, Basal Cell Carcinoma | | | | | | | | | | | | | | X | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | | | | | | | | | | | | | | | + | | | | + | | 2 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | 1 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | X | | | | | 2 |
| Meningioma Malignant | | | | | | | | | | | X | | | | | | | | | | 1 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | X | | | | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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 Aloe vera whole leaf extract (native)
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
ALOEWHOLLEAF 1.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|----------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|----|
| | 0737 | 0737 | 0737 | 0484 | 0665 | 0482 | 0650 | 0766 | 0644 | 0777 | 0777 | 0777 | 0777 | 0481 | 0639 | 0329 | 0279 | 0583 | 0687 | 0730 | | | |
| ANIMAL ID | 00872 | 00881 | 00882 | 00111 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | 00112 | | | |
| Meningioma Malignant | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | X | | | | | | | | | | | | | X | | X | X | | | X | | 11 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | 46 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | 1 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | | 2 | |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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