

TDMS No. 99031 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
Time Report Requested: 12:22:19
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

F1_R2

C Number: C99031
Lock Date: 05/21/2008
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.3.0
PWG Approval Date: NONE

Note: Animals arranged according to days on test.

TDMS No. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								ANIMAL ID	males (cont...)
	0 5	0 5	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7		
0 mg/kg	0 5	0 6	0 3	0 2	0 4	0 4	0 8	0 9	0 9	0 0	0 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0 0 1 6	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Leiomyoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery																								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																									males (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	0	
0 mg/kg	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	0	2	3	2	4	4	8	9	9	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	
	5	6	3	6	0	0	4	2	9	1	6	8	7	7	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	
	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	2	4	3	4	3	4	0	4	3	2	0	0	0	1	1	1	1	2	2	3	3	4	4	
	6	3	7	9	7	3	2	4	2	0	1	1	6	7	9	0	4	8	9	3	9	0	9	5	6	

Heart +

ENDOCRINE SYSTEM

Adrenal Cortex +

Adrenal Medulla +

Pheochromocytoma Benign X

Pheochromocytoma Malignant X

Bilateral, Pheochromocytoma Malignant X

Islets, Pancreatic +

Adenoma X

Parathyroid Gland + M + + + + + + + + + + + + + + + M + + + + + + + + + +

Pituitary Gland +

Pars Distalis, Adenoma X

Pars Intermedia, Adenoma X

Thyroid Gland +

C-cell, Adenoma X

C-cell, Carcinoma X

Follicle, Adenoma X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis +

* .. 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

FISCHER 344 RATS MALE 0 mg/kg	DAY ON TEST																								ANIMAL ID	males (cont...)	
	05	05	05	06	06	06	06	06	06	06	07	07	07	07	07	07	07	07	07	07	07	07	07	07			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0001		
	2	3	2	4	4	8	9	9	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	0002		
	6	3	6	0	0	4	2	9	1	6	8	7	7	7	7	7	7	7	7	7	7	7	7	7	0003		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0004		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0005		
	1	1	2	4	3	4	3	4	0	4	3	2	0	0	0	1	1	1	1	2	2	3	3	4	4	0006	
	6	3	7	9	7	3	2	4	2	0	1	1	6	7	9	0	4	8	9	3	9	0	9	5	6	0007	

Preputial Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes Bilateral, Interstitial Cell, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X
Interstitial Cell, Adenoma								X	X			X		X	X		X	X	X	X	X	X	X	X	X	X	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node											+																
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus Thymoma Benign	+	+	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

INTEGUMENTARY SYSTEM

Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X
Skin Basal 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								ANIMAL ID	males (cont...)
	0 5	0 5	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7		
0 mg/kg	0 5	0 6	0 3	0 6	0 4	0 4	0 8	0 9	0 9	0 0	0 0	0 2	0 2	0 2	0 2	0 2	0 2	0 7	0 7	0 7	0 7	0 7	0 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	0 0	0 0		
	1 6	1 3	2 7	4 9	3 7	4 3	3 2	4 4	0 2	4 0	3 1	2 1	0 6	0 7	0 9	0 0	1 4	1 8	1 9	2 3	2 9	3 0	3 9	4 5		

Keratoacanthoma X
 Keratoacanthoma, Multiple
 Subcutaneous Tissue, Fibroma X
 Subcutaneous Tissue, Fibrous Histiocytoma X
 Subcutaneous Tissue, Schwannoma Malignant

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Lung +
 Alveolar/Bronchiolar Adenoma X
 Carcinoma, Metastatic, Thyroid Gland X
 Pheochromocytoma Malignant, Metastatic, Adrenal Medulla X

Nose +

Trachea +

SPECIAL SENSES SYSTEM

Eye +

Harderian Gland +

Zymbal's 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								ANIMAL ID	males (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			
0 mg/kg	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0		
	0	2	3	2	4	4	8	9	9	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	0		
	5	6	3	6	0	0	4	2	9	1	6	8	7	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	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	2	4	3	4	3	4	0	4	3	2	0	0	0	1	1	1	1	2	2	3	3	4	4	0	
	6	3	7	9	7	3	2	4	2	0	1	1	6	7	9	0	4	8	9	3	9	0	9	5	6	0	

Carcinoma X

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lipoma																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear				X							X	X		X		X		X						X
Mesothelioma Malignant							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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								* TOTALS	
	0727	0727	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728		0728
0 mg/kg	0048	0050	0003	0004	0005	0001	0002	0005	0007	0000	0002	0002	0002	0002	0002	0003	0003	0003	0004	0004	0004	0000	0002	0003	0003	0005

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum Leiomyoma	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesentery		+													+											4
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

DAY ON TEST	FISCHER 344 RATS MALE																								* TOTALS
	077	077	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	
0 mg/kg	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	000	
ANIMAL ID	0048	0050	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	

Heart + 50

ENDOCRINE SYSTEM

Adrenal Cortex + 50

Adrenal Medulla + 50
 Pheochromocytoma Benign X 11
 Pheochromocytoma Malignant 1
 Bilateral, Pheochromocytoma Malignant 1

Islets, Pancreatic + 50
 Adenoma X 4

Parathyroid Gland + M + + + + + 47

Pituitary Gland + 50
 Pars Distalis, Adenoma X 38
 Pars Intermedia, Adenoma 1

Thyroid Gland + 50
 C-cell, Adenoma X 10
 C-cell, Carcinoma 1
 Follicle, Adenoma X 2

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + 50

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 0 mg/kg	DAY ON TEST																								* TOTALS
	0727	0727	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728		
ANIMAL ID	0048	0050	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	
Preputial Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
											X										X			X	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, Interstitial Cell, Adenoma		X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X					X	
Interstitial Cell, Adenoma	X							X							X							X	X	X	
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																							+		
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymoma Benign											X														
INTEGUMENTARY SYSTEM																									
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
											X														
Skin Basal Cell 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								* TOTALS
	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 mg/kg	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	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	
	4	5	0	0	0	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4	0	0	2	3	
	8	0	3	4	5	1	2	5	7	0	2	5	6	8	3	6	8	1	2	7	1	8	4	5	

Keratoacanthoma																									1	
Keratoacanthoma, Multiple																									X	1
Subcutaneous Tissue, Fibroma																										1
Subcutaneous Tissue, Fibrous Histiocytoma																										1
Subcutaneous Tissue, Schwannoma Malignant																									X	1

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Alveolar/Bronchiolar Adenoma																									1
Carcinoma, Metastatic, Thyroid Gland																									1
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																									1

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
---------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Zymbal's Gland																									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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	0 mg/kg	DAY ON TEST	ANIMAL ID																								* TOTALS
			0	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	
		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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	5	0	0	0	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4	0	0	2	3	3	
		8	0	3	4	5	1	2	5	7	0	2	5	6	8	3	6	8	1	2	7	1	8	4	4	5	

Carcinoma

1

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lipoma																									X			1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Leukemia Mononuclear														X												X			9
Mesothelioma Malignant														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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 100 mg/kg	DAY ON TEST																						ANIMAL ID	males (cont...)																								
	0 1 5	0 4 9	0 5 9	0 6 3	0 6 7	0 6 2	0 6 7	0 6 8	0 6 8	0 7 5	0 7 4	0 7 6	0 7 0	0 7 1	0 7 1	0 7 2	0 7 2	0 7 2	0 7 2	0 7 2	0 7 2	0 7 7			0 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 7 6	0 0 0 0 6 9	0 0 0 0 7 1	0 0 0 0 5 4	0 0 0 0 6 6	0 0 0 0 9 5	0 0 0 0 7 6	0 0 0 0 5 7	0 0 0 0 8 6	0 0 0 0 6 8	0 0 0 0 7 5	0 0 0 0 8 2	0 0 0 0 9 8	0 0 0 0 8 2	0 0 0 0 5 8	0 0 0 0 6 0	0 0 0 0 6 1	0 0 0 0 6 3	0 0 0 0 6 7	0 0 0 0 6 8	0 0 0 0 7 5	0 0 0 0 8 8	0 0 0 0 9 7	0 0 0 0 9 6	0 0 0 0 9 0	0 0 0 0 9 2

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Schwannoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Hepatocellular Adenoma Hepatocellular Adenoma, Multiple Ito Cell Tumor Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X
Mesentery Hemangioma					+						+																														
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								ANIMAL ID	males (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		
100 mg/kg	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	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	4	1	4	5	6	6	6	8	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	
	5	9	9	3	7	2	7	8	5	4	6	0	4	7	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	
	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	
	7	6	7	5	6	9	5	7	8	6	6	9	8	5	6	6	6	6	6	7	7	8	8	9	9	
	6	9	1	4	6	5	6	7	8	5	2	8	2	8	0	1	3	7	8	5	8	6	7	0	2	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign												X	X											
Pheochromocytoma Malignant																						X		
Bilateral, Pheochromocytoma Benign						X																		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																								
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma		X	X	X		X	X	X	X		X		X	X	X	X	X		X			X	X	X
Pars Distalis, Adenoma, Multiple																							X	
Pars Intermedia, Adenoma										X														
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Adenoma																		X				X	X	
C-cell, Carcinoma																			X					
Follicle, Adenoma									X															

GENERAL BODY 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	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	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100 mg/kg		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	males (cont...)

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Adenoma	+	+	+	+																		
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes Bilateral, Interstitial Cell, Adenoma	+	+	+	+																		
Interstitial Cell, Adenoma																						

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node																						
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

INTEGUMENTARY 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 100 mg/kg	DAY ON TEST																								males (cont...)		
	0 0 1 5	0 4 4 9	0 5 1 9	0 6 4 3	0 6 5 7	0 6 6 2	0 6 6 7	0 6 6 8	0 6 8 5	0 7 0 4	0 7 0 6	0 7 1 0	0 7 1 4	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7				
ANIMAL ID	0 0 0 7 6	0 0 0 6 7	0 0 0 7 1	0 0 0 5 4	0 0 0 6 6	0 0 0 5 6	0 0 0 7 6	0 0 0 8 7	0 0 0 8 5	0 0 0 6 8	0 0 0 5 2	0 0 0 8 8	0 0 0 9 2	0 0 0 8 8	0 0 0 5 8	0 0 0 6 6	0 0 0 6 6	0 0 0 6 6	0 0 0 7 7	0 0 0 7 8	0 0 0 8 5	0 0 0 8 6	0 0 0 9 7	0 0 0 9 0			
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X		
Skin Basal Cell Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma																											
Subcutaneous Tissue, Fibroma																											
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																											
Lung Alveolar/Bronchiolar Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Thyroid Gland																											
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	
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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

		DAY ON TEST																								males (cont...)	
FISCHER 344 RATS MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	100 mg/kg	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	6	7	5	6	9	5	7	8	6	6	9	8	5	6	6	6	6	6	7	7	8	8	9	9	
		6	9	1	4	6	5	6	7	8	5	2	8	2	8	0	1	3	7	8	5	8	6	7	0	2	

URINARY SYSTEM

Kidney Transitional Epithelium, Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear				X	X		X					X	X			X	X			X					
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

FISCHER 344 RATS MALE 100 mg/kg	DAY ON TEST	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	* TOTALS			
		2 7	2 7	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8	2 8				
	ANIMAL ID	0 0 0 9 3	0 0 0 9 9	0 0 0 5 2	0 0 0 5 3	0 0 0 5 7	0 0 0 5 9	0 0 0 6 4	0 0 0 7 0	0 0 0 7 2	0 0 0 7 3	0 0 0 7 9	0 0 0 8 0	0 0 0 8 1	0 0 0 8 3	0 0 0 8 4	0 0 0 8 5	0 0 0 8 9	0 0 0 9 1	0 0 0 9 7	0 0 0 0 0	0 0 0 1 1	0 0 0 5 5		0 0 0 7 4	0 0 0 9 4	0 0 0 9 6

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Schwannoma Malignant																								1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma				X																				2
Hepatocellular Adenoma, Multiple																								1
Ito Cell Tumor Benign																	X							1
Mesentery			+											+										4
Hemangioma																								1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								* TOTALS
	0	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	
100 mg/kg	ANIMAL ID																								* TOTALS
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
9	9	5	5	5	5	6	7	7	7	7	8	8	8	8	8	8	9	9	0	5	5	7	9	9	
3	9	2	3	7	9	4	0	2	3	9	0	1	3	4	5	9	1	7	0	1	5	4	4	6	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pheochromocytoma Benign									X	X														4
Pheochromocytoma Malignant																								1
Bilateral, Pheochromocytoma Benign						X																		2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma								X								X								2
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	48
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pars Distalis, Adenoma	X	X	X		X	X	X		X	X					X							X	X	28
Pars Distalis, Adenoma, Multiple																			X					2
Pars Intermedia, Adenoma																								1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
C-cell, Adenoma		X		X			X			X						X	X							9
C-cell, Carcinoma														X										2
Follicle, Adenoma																								1

GENERAL BODY 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

		DAY ON TEST																								* TOTALS
FISCHER 344 RATS MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100 mg/kg		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
ANIMAL ID		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	
		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	5	5	5	5	6	7	7	7	7	8	8	8	8	8	8	9	9	0	5	5	7	9	
		3	9	2	3	7	9	4	0	2	3	9	0	1	3	4	5	9	1	7	0	1	5	4	4	

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland Adenoma	+	+	+	+	+	X	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 3
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Bilateral, Interstitial Cell, Adenoma	X	X		X	X			X	X	X		X	X	X	X		X	X	X		X	X		X	29
Interstitial Cell, Adenoma											X						X								8

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymph Node																									2
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

INTEGUMENTARY 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 100 mg/kg	DAY ON TEST																								* TOTALS
	0727	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	
ANIMAL ID	0093	0092	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	0093	
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	501	
Skin Basal Cell Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	501	
Keratoacanthoma	X	X																						3	
Subcutaneous Tissue, Fibroma																								1	
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
RESPIRATORY SYSTEM																									
Lung Alveolar/Bronchiolar Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	501	
Carcinoma, Metastatic, Thyroid Gland																								1	
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																								1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

		DAY ON TEST																									* TOTALS
		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 MALE		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9		
100 mg/kg		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		
		9	9	5	5	5	5	6	7	7	7	7	8	8	8	8	8	9	9	0	5	5	7	9	9		
	3	9	2	3	7	9	4	0	2	3	9	0	1	3	4	5	9	1	7	0	1	5	4	4	6		

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Transitional Epithelium, Carcinoma																										1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear				X			X									X					X					12
Mesothelioma Malignant			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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

		DAY ON TEST																				males (cont...)		
FISCHER 344 RATS MALE	300 mg/kg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
		4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7
		8	3	4	8	8	1	2	4	6	6	6	7	8	9	9	0	2	2	2	2	2	2	
		5	4	7	8	8	7	6	5	0	2	4	9	9	2	5	6	6	1	2	2	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	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		3	1	2	1	2	0	0	1	2	2	1	4	4	0	1	2	4	0	2	0	0	1	
		0	6	5	4	7	5	7	1	6	0	5	9	4	4	7	3	8	6	8	1	3	9	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma															X							X	
Osteosarcoma, Metastatic, Bone																	X						
Mesentery					+			+				+	+									+	+
Hemangiosarcoma												X											
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 300 mg/kg	DAY ON TEST																									ANIMAL ID	males (cont...)
	0 4 8 5	0 5 3 4	0 5 4 7	0 5 8 8	0 5 8 8	0 6 1 7	0 6 2 6	0 6 4 5	0 6 6 0	0 6 6 2	0 6 6 4	0 6 7 9	0 6 8 9	0 6 9 2	0 7 0 5	0 7 0 6	0 7 2 1	0 7 2 2	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 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 1 3 0		

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

ENDOCRINE SYSTEM

Adrenal Cortex Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla Pheochromocytoma Benign Bilateral, Pheochromocytoma Benign	+	+	+	+	+	+	+	+	+	X	X	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic Adenoma Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland Pars Distalis, Adenoma	+	+	+	+	+	+	+	+	+	X	X	X	X	+	+	+	+	+	+	X	X	+	+	+	X X
Thyroid Gland C-cell, Adenoma C-cell, Carcinoma Follicle, Adenoma	+	+	+	+	+	+	+	+	+	X	+	+	+	A	+	+	+	+	+	+	+	X	+	+	X X X

GENERAL BODY SYSTEM

NONE

GENITAL 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 300 mg/kg	DAY ON TEST	0 4 8 5	0 5 3 4	0 5 4 7	0 5 8 8	0 5 8 8	0 6 1 7	0 6 2 6	0 6 4 5	0 6 6 0	0 6 6 2	0 6 6 4	0 6 7 9	0 6 8 9	0 6 9 2	0 7 0 5	0 7 0 6	0 7 2 1	0 7 2 2	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	
	ANIMAL ID	0 0 1 3 0	0 0 1 1 6	0 0 1 2 5	0 0 1 1 4	0 0 1 2 7	0 0 1 0 5	0 0 1 0 1	0 0 1 2 6	0 0 1 2 0	0 0 1 2 6	0 0 1 2 0	0 0 1 4 4	0 0 1 4 4	0 0 1 0 7	0 0 1 2 3	0 0 1 4 8	0 0 1 0 6	0 0 1 2 1	0 0 1 0 8	0 0 1 0 1	0 0 1 0 3	0 0 1 0 9	0 0 1 0 3	0 0 1 2 1	0 0 1 2 4
	males (cont...)																									

Coagulating Gland																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Interstitial Cell, Adenoma			X					X	X	X		X		X	X		X	X		X	X	X				
Interstitial Cell, Adenoma				X	X						X					X		X		X					X	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node	+		+	+	+			+											+	+				+		
Mediastinal, Carcinoma, Metastatic, Thyroid Gland																										
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		+	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																										
Osteosarcoma, Metastatic, Bone																		X								
Thymus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE		DAY ON TEST																								males (cont...)	
		04	05	05	05	05	06	06	06	06	06	06	06	06	06	06	07	07	07	07	07	07	07	07	07		07
300 mg/kg	ANIMAL ID		00	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	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01
	03	01	02	01	02	00	00	01	02	02	01	04	04	00	01	02	04	00	02	00	00	00	01	02	02	02	02
	00	06	05	04	07	05	07	01	06	00	05	09	04	04	07	03	08	06	08	01	03	09	03	01	04	01	04

INTEGUMENTARY SYSTEM

Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																										
Keratoacanthoma																										
Subcutaneous Tissue, Fibroma																										
Subcutaneous Tissue, Schwannoma Malignant			X												X											

MUSCULOSKELETAL SYSTEM

Bone Osteosarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																X										

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																										
Alveolar/Bronchiolar Carcinoma																										
Carcinoma, Metastatic, Thyroid Gland																										
Cystic Keratinizing Epithelioma																								X		
Osteosarcoma, Metastatic, Bone																								X		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Pleura																+										

* .. 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																								males (cont...)
FISCHER 344 RATS MALE		04	05	05	05	05	06	06	06	06	06	06	06	06	06	07	07	07	07	07	07	07	07	07	07	
300 mg/kg		85	34	47	88	88	17	26	45	60	62	64	79	89	92	56	66	71	72	72	77	77	77	77	77	
		ANIMAL ID																								
		00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
		31	12	21	21	00	00	11	22	21	44	44	00	12	44	02	00	20	00	00	00	11	22	22		
		06	54	74	77	57	71	60	56	00	59	44	44	44	77	33	88	66	88	11	33	99	33	11	44	
Trachea		+																								
SPECIAL SENSES SYSTEM																										
Eye		+																								
Harderian Gland		+																								
URINARY SYSTEM																										
Kidney		+																								
Renal Tubule, Adenoma																										
Urinary Bladder		+																								
SYSTEMIC LESIONS																										
Multiple Organ		+																								
Leukemia Mononuclear		X		X	X	X		X	X					X	X	X		X	X	X	X			X	X	
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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								* TOTALS
	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7		
300 mg/kg	0 0 1 2 9	0 0 1 3 5	0 0 1 3 7	0 0 1 4 0	0 0 1 4 5	0 0 1 4 7	0 0 1 5 0	0 0 1 0 2	0 0 1 0 8	0 0 1 1 0	0 0 1 1 2	0 0 1 1 8	0 0 1 1 2	0 0 1 2 1	0 0 1 3 2	0 0 1 3 6	0 0 1 3 8	0 0 1 3 3	0 0 1 4 9	0 0 1 3 4	0 0 1 3 9	0 0 1 4 1	0 0 1 4 2	0 0 1 4 6	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma																							X		3
Osteosarcoma, Metastatic, Bone																									1
Mesentery																									8
Hemangiosarcoma																								+	1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

CARDIOVASCULAR 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 300 mg/kg	DAY ON TEST																								* TOTALS
	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	
ANIMAL ID	00129	00135	00137	00140	00145	00147	00150	00152	00158	00160	00162	00168	00170	00172	00178	00180	00182	00188	00190	00192	00198	00200	00202	00208	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

ENDOCRINE SYSTEM

Adrenal Cortex Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1
Adrenal Medulla Pheochromocytoma Benign Bilateral, Pheochromocytoma Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 4 1
Islets, Pancreatic Adenoma Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 1
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Pituitary Gland Pars Distalis, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 25
Thyroid Gland C-cell, Adenoma C-cell, Carcinoma Follicle, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49 10 2 3

GENERAL BODY SYSTEM

NONE

GENITAL 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 300 mg/kg	DAY ON TEST																								* TOTALS		
	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7	0 7 2 7				
ANIMAL ID	0 0 1 2 9	0 0 1 3 5	0 0 1 3 7	0 0 1 4 0	0 0 1 4 5	0 0 1 4 7	0 0 1 5 0	0 0 1 0 2	0 0 1 0 8	0 0 1 0 0	0 0 1 1 2	0 0 1 1 8	0 0 1 1 2	0 0 1 1 2	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 3	0 0 1 1 3	0 0 1 1 3	0 0 1 1 3	0 0 1 1 3	0 0 1 1 3	0 0 1 1 3	0 0 1 1 3		
Coagulating Gland																										1	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Preputial Gland Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Bilateral, Interstitial Cell, Adenoma	X	X		X		X	X			X	X	X			X			X		X	X			X	X	26	
Interstitial Cell, Adenoma									X				X	X		X	X						X			13	
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	48
Lymph Node																											9
Mediastinal, Carcinoma, Metastatic, Thyroid Gland																											1
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma				X																							2
Osteosarcoma, Metastatic, Bone																											1
Thymus	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

DAY ON TEST	FISCHER 344 RATS MALE																								* TOTALS
	0	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	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	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	1	1	
	2	3	3	4	4	4	5	0	0	1	1	1	2	3	3	3	3	3	4	1	3	3	4	4	
	9	5	7	0	5	7	0	2	8	0	2	8	2	1	2	3	6	8	3	9	4	9	1	2	6

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Fibroadenoma								X																	3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basal Cell Adenoma										X															1
Keratoacanthoma												X													1
Subcutaneous Tissue, Fibroma														X											1
Subcutaneous Tissue, Schwannoma Malignant																									2

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Osteosarcoma																			X						2

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Alveolar/Bronchiolar Adenoma											X														1
Alveolar/Bronchiolar Carcinoma																			X						1
Carcinoma, Metastatic, Thyroid Gland														X											1
Cystic Keratinizing Epithelioma																									1
Osteosarcoma, Metastatic, Bone																									1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Pleura																									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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 300 mg/kg	DAY ON TEST																								* TOTALS
	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	
ANIMAL ID	001	002	003	004	005	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Renal Tubule, Adenoma															X										1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
SYSTEMIC LESIONS																									
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear		X	X								X		X	X			X							X	22
Mesothelioma Malignant														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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE		DAY ON TEST																							males (cont...)
1000 mg/kg		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
		5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		0	1	5	6	8	9	0	0	4	5	6	6	6	7	7	8	8	8	9	9	9	9	9	9
		5	0	4	8	1	1	0	2	0	8	5	5	5	7	8	3	5	8	9	9	3	3	5	6
		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	1	1
		9	6	8	7	9	7	9	5	7	6	5	6	8	6	8	8	6	5	5	9	8	8	6	8
		5	9	5	6	8	0	9	8	5	7	7	3	1	0	2	7	5	6	5	3	0	3	8	6

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery	+	+																	+					
Pancreas Acinus, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 1000 mg/kg	DAY ON TEST																								ANIMAL ID	males (cont...)	
	0 5	0 5	0 5	0 5	0 5	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6			0 6
	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 9 5	

Heart +

ENDOCRINE SYSTEM

Adrenal Cortex Adenoma +

Adrenal Medulla
 Pheochromocytoma Benign X X
 Pheochromocytoma Benign, Multiple X
 Pheochromocytoma Complex
 Pheochromocytoma Malignant

Islets, Pancreatic Adenoma +
 Carcinoma X

Parathyroid Gland + M + + + M

Pituitary Gland
 Pars Distalis, Adenoma X X X X X X X X X X
 Pars Distalis, Adenoma, Multiple X
 Pars Distalis, Carcinoma X
 Pars Intermedia, Adenoma

Thyroid Gland
 C-cell, Adenoma X
 Follicle, Adenoma X X

GENERAL BODY SYSTEM

NONE

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST																								ANIMAL ID	males (cont...)	
	05	05	05	05	05	05	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06			06
1000 mg/kg	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	001195	
	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	001196	
	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	001198	
	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	001199	

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma							X		X										X						
Carcinoma											X														
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Interstitial Cell, Adenoma	X		X		X	X				X	X			X		X	X			X	X				
Interstitial Cell, Adenoma		X					X		X				X		X			X							

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node					+								+							+					+
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymoma Benign																									

INTEGUMENTARY 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 1000 mg/kg	DAY ON TEST																								ANIMAL ID	males (cont...)
	0 5	0 5	0 5	0 5	0 5	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6	0 6			
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Skin Keratoacanthoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Keratoacanthoma, Multiple																										
Subcutaneous Tissue, Fibroma																										
Subcutaneous Tissue, Fibrosarcoma	X		X																							
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Peripheral Nerve																										
Spinal Cord																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Alveolar/Bronchiolar Adenoma																										
Alveolar/Bronchiolar Carcinoma																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
SPECIAL SENSES 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 1000 mg/kg	DAY ON TEST																								ANIMAL ID	males (cont...)
	05	05	05	05	05	05	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000000000000000000000000	
	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	000000000000000000000000	
	0	1	5	6	8	9	0	0	4	5	6	6	6	6	7	8	8	8	8	9	9	9	9	111111111111111111111111		
	5	0	4	8	1	1	0	2	0	8	5	5	5	7	8	3	5	8	9	9	3	3	5	6	5048110208555783589933566	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000000000000000000000000		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000000000000000000000000		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111111111111111111111111		
	9	6	8	7	9	7	9	5	7	6	5	6	8	6	8	8	6	5	5	9	8	8	6	9687979576568655988685		
	5	9	5	6	8	0	9	8	5	7	7	3	1	0	2	7	5	6	5	3	0	3	8	5956809857731027565303864		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Zymbal's Gland Carcinoma						+																				
						X																				
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Renal Tubule, Adenoma																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear				X	X	X			X			X				X		X		X	X					
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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 1000 mg/kg	DAY ON TEST																								* TOTALS										
	0699	0701	0703	0703	0709	0700	0700	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707												
ANIMAL ID	00200	00011	00077	00088	00099	00077	00066	00077	00066	00022	00022	00033	00011	00022	00044	00099	00099	00011	00022	00044	00011	00033	00044	00077	00099	00055	00077	00088	00099	00055	00077	00099	00044		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
ENDOCRINE SYSTEM																																			
Adrenal Cortex Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
Adrenal Medulla Pheochromocytoma Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 6	
Pheochromocytoma Benign, Multiple		X	X																															1	
Pheochromocytoma Complex									X																										1
Pheochromocytoma Malignant																																			1
Islets, Pancreatic Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
Carcinoma																																			1
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Pituitary Gland Pars Distalis, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 18	
Pars Distalis, Adenoma, Multiple					X	X		X													X	X	X											1	
Pars Distalis, Carcinoma	X																																		1
Pars Intermedia, Adenoma																X																		1	
Thyroid Gland C-cell, Adenoma	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45 1	
Follicle, Adenoma								X							X																				5

GENERAL BODY SYSTEM

NONE

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 1000 mg/kg	DAY ON TEST																						* TOTALS
	0699	0700	0703	0703	0709	0700	0700	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	
ANIMAL ID	0020	0001	0007	0008	0009	0007	0007	0006	0002	0002	0003	0001	0002	0004	0009	0009	0001	0002	0004	0001	0003	0004	50

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																							3
Carcinoma																							2
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Bilateral, Interstitial Cell, Adenoma	X	X				X				X	X		X	X		X	X	X	X		X	X	27
Interstitial Cell, Adenoma					X		X	X	X			X								X			12

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymph Node	+									+											+	+	10
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Thymoma Benign																						X	1

INTEGUMENTARY 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 1000 mg/kg	DAY ON TEST																								* TOTALS	
	0699	0701	0703	0703	0709	0700	0701	0701	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707			
ANIMAL ID	00200	00011	00078	00089	00077	00077	00066	00075	00055	00066	00066	00077	00088	00099	00099	00055	00077	00088	00099	00055	00077	00088	00099	00055		
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1		
Skin Keratoacanthoma	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	X	X	+	+	+	+	+	+	50 3		
Keratoacanthoma, Multiple																								1		
Subcutaneous Tissue, Fibroma																								1		
Subcutaneous Tissue, Fibrosarcoma										X														3		
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Peripheral Nerve																								1		
Spinal Cord																								1		
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Alveolar/Bronchiolar Adenoma																						X		2		
Alveolar/Bronchiolar Carcinoma																						X		1		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
SPECIAL SENSES 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS MALE 1000 mg/kg	DAY ON TEST																								* TOTALS
	0699	0701	0703	0703	0709	0700	0700	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707	0707		
ANIMAL ID	000200	000119	000789	000897	000177	000077	000077	000067	000076	000022	000022	000033	000012	000044	000099	000099	000011	000022	000044	000011	000033	000044	000077	000099	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Zymbal's Gland Carcinoma																								1 1	
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Renal Tubule, Adenoma	X																							1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SYSTEMIC LESIONS																									
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Leukemia Mononuclear					X	X		X	X			X	X	X			X	X	X			X		21	
Mesothelioma Malignant																								1	

*** END OF MALE DATA ***

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								females (cont...)
	0 4 5 4	0 4 9 8	0 5 5 1	0 5 8 7	0 5 9 6	0 6 1 4	0 6 4 1	0 6 5 3	0 6 6 3	0 6 8 8	0 6 9 8	0 7 1 3	0 7 1 3	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8		
0 mg/kg	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		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	3	0	0	4	1	4	2	4	4	3	2	3	4	0	1	1	1	2	3	3	5	0	0		
	8	6	4	1	2	2	7	5	6	9	4	4	7	3	4	7	9	1	3	7	0	1	2		

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum Schwannoma Malignant	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery		+	+			+				+		+								+		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								ANIMAL ID	females (cont...)
	04	04	05	05	05	06	06	06	06	06	06	07	07	07	07	07	07	07	07	07	07	07	07	07		
0 mg/kg	54	98	51	87	96	14	41	53	63	88	93	13	13	28	28	28	28	28	28	28	28	29	29	29		
	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00		

Heart +

ENDOCRINE SYSTEM

Adrenal Cortex +

Adrenal Medulla Pheochromocytoma Benign +
 X X

Islets, Pancreatic Adenoma +

Parathyroid Gland Adenoma + M M + M + + + + + + + + + + M + + M + + + M + +

Pituitary Gland Pars Distalis, Adenoma +
 Pars Distalis, Adenoma, Multiple X
 Pars Distalis, Carcinoma X
 Pars Intermedia, Adenoma

Thyroid Gland Bilateral, C-cell, Adenoma + + + + + + A + + + + + + + + + + + + + + + + + + +
 C-cell, Adenoma X X X X
 Follicle, Adenoma X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								ANIMAL ID	females (cont...)
	04	04	05	05	05	06	06	06	06	06	06	07	07	07	07	07	07	07	07	07	07	07	07	07		
0 mg/kg	54	98	51	87	96	14	41	53	63	88	93	13	33	28	28	28	28	28	28	28	28	29	29	29		
	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00		

Adenoma													X											X
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant, Metastatic, Intestine Small, Duodenum								X																
Tubulostromal Adenoma																								
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Stromal								X																
Schwannoma Malignant	X																							

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node														+							+			+
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymoma Benign																								

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroadenoma										X		X					X							X
Fibroadenoma, Multiple							X										X	X		X				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								females (cont...)
	0 4	0 4	0 5	0 5	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7		
0 mg/kg	5	9	5	8	9	1	4	5	6	8	9	1	1	2	2	2	2	2	2	2	2	2	2		
	4	8	1	7	6	4	1	3	3	8	8	3	3	8	8	8	8	8	8	8	8	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		
	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	3	0	0	4	1	4	2	4	4	3	2	3	4	0	1	1	1	2	3	3	5	0	0		
	8	6	4	1	2	2	7	5	6	9	4	4	7	3	4	7	9	1	3	7	0	1	2		

Squamous Cell Carcinoma
 Subcutaneous Tissue, Fibroma

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

Brain +

Peripheral Nerve +

Spinal Cord +

RESPIRATORY SYSTEM

Lung +
 Alveolar/Bronchiolar Adenoma X X

Nose + + + + + + + A + + + + + + + + + + + + + + + +

Trachea +

SPECIAL SENSES SYSTEM

Eye +

Harderian Gland +

URINARY SYSTEM

Kidney +

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								ANIMAL ID	females (cont...)
	04	04	05	05	05	06	06	06	06	06	06	07	07	07	07	07	07	07	07	07	07	07	07	07		
0 mg/kg	54	98	51	87	96	14	11	53	63	88	98	13	13	28	28	28	28	28	28	28	28	29	29	29		
	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00		
	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
	30	00	04	11	44	22	44	44	33	22	33	44	00	11	11	11	22	33	33	55	00	00	00			
	86	44	17	22	22	77	55	66	99	44	44	77	33	44	77	99	11	33	77	00	11	22	77			
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear								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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								* TOTALS
	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9		
0 mg/kg	0 0 1 0	0 0 1 0	0 0 2 0	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	0 0 3 2	0 0 3 5	0 0 4 0	0 0 4 3	0 0 4 9	0 0 0 5	0 0 1 3	0 0 1 5	0 0 1 6	0 0 2 8	0 0 2 5	0 0 3 8	0 0 3 0	0 0 3 1	0 0 3 6	0 0 4 4	0 0 4 8

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum Schwannoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesentery		+	+	+					+																	10
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

DAY ON TEST	FISCHER 344 RATS FEMALE																								* TOTALS	
	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729		0729
0 mg/kg	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	
ANIMAL ID	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	

Heart + 50

ENDOCRINE SYSTEM

Adrenal Cortex + 50

Adrenal Medulla Pheochromocytoma Benign + 50
 2

Islets, Pancreatic Adenoma + 50
 1

Parathyroid Gland Adenoma + + + + + M M + M + + + + + + + + + M + M M + 38
 1

Pituitary Gland Pars Distalis, Adenoma + 50
 Pars Distalis, Adenoma, Multiple X X X X X X X X X X X X X X X X X X 33
 Pars Distalis, Carcinoma X 2
 Pars Intermedia, Adenoma X 1

Thyroid Gland Bilateral, C-cell, Adenoma + 49
 C-cell, Adenoma X X X X X 10
 Follicle, Adenoma X 1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland + 50

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE 0 mg/kg	DAY ON TEST																								* TOTALS		
	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729			
ANIMAL ID	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	0030	0031	0032	0033	0034		
Adenoma				X												X				X					5		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Schwannoma Malignant, Metastatic, Intestine Small, Duodenum																									1		
Tubulostromal Adenoma																							X		1		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Polyp Stromal			X																		X				3		
Schwannoma Malignant																									1		
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymph Node																									3		
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Thymoma Benign				X																				1			
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Fibroadenoma				X		X	X					X	X		X			X				X	X	13			
Fibroadenoma, Multiple								X				X				X			X		X	X		10			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								* TOTALS	
	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729		0729
0 mg/kg	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	
ANIMAL ID	0011	0012	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	0022	

Squamous Cell Carcinoma																										X	1	
Subcutaneous Tissue, Fibroma																											X	1

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Peripheral Nerve																										1
Spinal Cord																										1

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma																										X	4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																									* TOTALS	
	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729		
0 mg/kg	ANIMAL ID																										
	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	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SYSTEMIC LESIONS																											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Leukemia Mononuclear	X				X	X		X			X						X									8	

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

		DAY ON TEST																				females (cont...)						
FISCHER 344 RATS FEMALE	100 mg/kg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0				
		3	3	3	4	4	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7		7	7	7			
		2	8	8	3	7	5	6	8	0	0	2	3	4	4	5	6	6	7	9	9	0	1	2	2			
		7	0	3	3	5	9	0	8	9	9	9	9	4	4	5	0	6	0	2	6	5	1	5	2	2	8	2
		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	0
		2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		9	8	5	6	7	8	7	0	5	8	5	9	7	8	8	5	9	7	7	7	8	7	9	5	5	5	
		4	3	9	6	9	7	6	0	1	4	3	8	3	2	9	6	9	4	2	7	8	1	2	2	4	4	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								ANIMAL ID	females (cont...)
	0 3 2 7	0 3 8 0	0 3 8 3	0 4 3 3	0 4 7 5	0 5 5 9	0 5 6 0	0 5 8 8	0 6 0 9	0 6 0 9	0 6 2 9	0 6 3 4	0 6 4 4	0 6 4 4	0 6 5 5	0 6 6 0	0 6 7 6	0 6 9 2	0 6 9 6	0 7 0 5	0 7 1 1	0 7 2 5	0 7 2 8	0 7 2 8		
100 mg/kg	0 0 9 4	0 0 8 3	0 0 5 9	0 0 6 6	0 0 7 9	0 0 8 6	0 0 7 0	0 0 0 1	0 0 5 4	0 0 8 3	0 0 5 8	0 0 9 3	0 0 7 8	0 0 9 2	0 0 8 9	0 0 7 4	0 0 7 2	0 0 7 7	0 0 7 7	0 0 7 7	0 0 8 1	0 0 9 2	0 0 5 2	0 0 5 4		

ENDOCRINE SYSTEM

Adrenal Cortex Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla Pheochromocytoma Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Pituitary Gland Pars Distalis, Adenoma Pars Distalis, Adenoma, Multiple	+	+	+	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Thyroid Gland C-cell, Adenoma C-cell, Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland Adenoma Bilateral, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary Granulosa Cell Tumor Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE 100 mg/kg	DAY ON TEST																				ANIMAL ID	females (cont...)			
	0 3 2 7	0 3 8 0	0 3 8 3	0 4 3 3	0 4 7 5	0 5 5 9	0 5 6 0	0 5 8 8	0 6 0 9	0 6 0 9	0 6 2 9	0 6 3 9	0 6 4 4	0 6 4 4	0 6 5 5	0 6 6 0	0 6 7 2	0 6 9 6	0 7 0 5	0 7 1 5			0 7 2 5	0 7 2 8	0 7 2 8
	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 9 4	

Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Stromal				X			X						X		X								
Vagina										+												+	
Schwannoma Malignant									X												X		

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node Mediastinal, Carcinoma, Metastatic, Thyroid Gland	+							+													+	X	
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroadenoma						X		X	X	X		X			X	X		X				X	
Fibroadenoma, Multiple														X				X	X		X		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcutaneous Tissue, Fibroma																							
Subcutaneous Tissue, Schwannoma Malignant																							

MUSCULOSKELETAL 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE 100 mg/kg	DAY ON TEST																									ANIMAL ID	females (cont...)
	0 3 2 7	0 3 8 0	0 3 8 3	0 4 3 3	0 4 7 5	0 5 5 9	0 5 6 0	0 5 8 8	0 6 0 9	0 6 0 9	0 6 2 9	0 6 3 9	0 6 4 4	0 6 4 4	0 6 5 5	0 6 6 0	0 6 6 0	0 6 7 2	0 6 9 6	0 7 0 5	0 7 1 1	0 7 2 5	0 7 2 8	0 7 2 8			
	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 9 4	

Bone +

NERVOUS SYSTEM

Brain +
 Astrocytoma Malignant X

RESPIRATORY SYSTEM

Lung +
 Astrocytoma Malignant, Metastatic, Brain X
 Carcinoma, Metastatic, Adrenal Cortex X

Nose + + + + + + + + + + + + + + + + + A + + + + + + + +

Trachea +

SPECIAL SENSES SYSTEM

Eye +

Harderian Gland +

URINARY SYSTEM

Kidney +

Urinary Bladder +

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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																								* TOTALS
	0728	0728	0728	0728	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	
100 mg/kg	0055	0055	0055	0055	0057	0070	0071	0077	0078	0078	0078	0078	0078	0078	0078	0078	0078	0078	0078	0078	0078	0078	0078	0078	
	ANIMAL ID	0025	0026	0028	0029	0035	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	0036	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesentery						+																		2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE 100 mg/kg	DAY ON TEST																								* TOTALS
	078	078	078	078	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	
ANIMAL ID	0055	0055	0055	0055	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	
	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	5	6	8	9	5	6	6	6	6	7	7	8	8	9	5	6	6	6	6	7	8	9	9	9	
	5	5	5	5	7	0	1	7	8	0	8	1	6	0	8	2	3	4	9	5	0	1	3	6	7

ENDOCRINE SYSTEM

Adrenal Cortex Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1
Adrenal Medulla Pheochromocytoma Benign	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	50 2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	47
Pituitary Gland Pars Distalis, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 27
Pars Distalis, Adenoma, Multiple			X	X	X	X				X		X	X	X						X		X	X		1
Thyroid Gland C-cell, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 8
C-cell, Carcinoma				X					X		X							X		X		X			1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 5
Bilateral, Adenoma	X				X				X	X			X									X			3
Ovary Granulosa Cell Tumor Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE 100 mg/kg	DAY ON TEST																								* TOTALS
	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	078	
ANIMAL ID	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	0055	

Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Polyp Stromal				X					X				X		X										8
Vagina																									2
Schwannoma Malignant																									2

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymph Node																									3
Mediastinal, Carcinoma, Metastatic, Thyroid Gland																									1
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	48

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Fibroadenoma	X	X			X	X	X			X	X	X		X	X	X		X	X			X	X		22
Fibroadenoma, Multiple				X				X	X													X	X		9
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Subcutaneous Tissue, Fibroma													X												1
Subcutaneous Tissue, Schwannoma Malignant														X											1

MUSCULOSKELETAL 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE 100 mg/kg	DAY ON TEST																									* TOTALS	
	078	078	078	078	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079		
ANIMAL ID	0055	0055	0055	0055	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057	0057		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
NERVOUS SYSTEM																											
Brain Astrocytoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
RESPIRATORY SYSTEM																											
Lung Astrocytoma Malignant, Metastatic, Brain Carcinoma, Metastatic, Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1 1	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SYSTEMIC LESIONS																											
Multiple Organ Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 8	

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST																						ANIMAL ID	females (cont...)
	0 4	0 5	0 5	0 5	0 6	0 6	0 6	0 6	0 6	0 6	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7	0 7		
300 mg/kg	7	3	8	8	0	4	5	5	5	6	0	1	2	2	2	2	2	2	2	2	2	2		
	4	3	0	2	9	4	2	5	6	4	0	0	1	8	8	8	8	8	8	8	8	8		
	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		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	2	4	3	0	3	2	0	2	1	4	2	1	2	0	1	1	2	2	3	3	3	3		
	5	2	4	1	3	6	3	9	6	4	8	4	7	6	5	7	1	4	1	2	6	7		

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Uterus											X											
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Uterus											X											
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Uterus											X											
Mesentery					+																	+
Oral Mucosa																						
Squamous Cell Papilloma																						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Uterus											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

FISCHER 344 RATS FEMALE 300 mg/kg	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	ANIMAL ID	females (cont...)
	4	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	7	3	8	8	0	4	5	5	5	6	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	
	4	3	0	2	9	4	2	5	6	4	0	0	1	8	8	8	8	8	8	8	8	8	8	8	8	8	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	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	
	2	4	3	0	3	2	0	2	1	4	2	1	2	0	1	1	2	2	3	3	3	3	3	3	4	4	0	
	5	2	4	1	3	6	3	9	6	4	8	4	7	6	5	7	1	4	1	2	6	7	8	7	9	0		

Stomach, Glandular

+ +

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Adenoma

Carcinoma, Metastatic, Uterus

X

Adrenal Medulla

+ +

Islets, Pancreatic

+ +

Parathyroid Gland

+ + M + + + + M + + + + + + + + M + + + + + + + +

Pituitary Gland

Pars Distalis, Adenoma

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

Thyroid Gland

C-cell, Adenoma

C-cell, Carcinoma

Follicle, Adenoma

Follicle, Carcinoma

A +
 X X X X X X X X X X X
 X X X X X X X X X X X
 X X X X X X X X X X X

GENERAL BODY SYSTEM

NONE

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|----------------------|
| | 0
4
7
4 | 0
5
3
3 | 0
5
8
0 | 0
5
8
2 | 0
6
0
9 | 0
6
4
4 | 0
6
5
2 | 0
6
5
5 | 0
6
5
6 | 0
6
6
4 | 0
7
0
0 | 0
7
1
0 | 0
7
2
1 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | | | |
| 300 mg/kg | 0
0
3
2
5 | 0
0
3
4
2 | 0
0
3
3
4 | 0
0
3
0
1 | 0
0
3
3
3 | 0
0
3
2
6 | 0
0
3
0
3 | 0
0
3
2
9 | 0
0
3
1
6 | 0
0
3
4
4 | 0
0
3
2
8 | 0
0
3
1
4 | 0
0
3
2
7 | 0
0
3
0
6 | 0
0
3
1
5 | 0
0
3
2
7 | 0
0
3
2
1 | 0
0
3
3
4 | 0
0
3
3
1 | 0
0
3
3
2 | 0
0
3
3
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
4
9 | | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland Adenoma Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | | |
| Ovary Carcinoma, Metastatic, Uterus Granulosa Cell Tumor Benign | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | X | |
| Uterus Carcinoma Polyp Stromal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | X | X |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | + | + |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | | |
| Lymph Node, Mesenteric Carcinoma, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland Fibroadenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE
300 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|-----------|----------------------|
| | 0
4
7
4 | 0
5
3
3 | 0
5
8
0 | 0
5
8
2 | 0
6
0
9 | 0
6
4
4 | 0
6
5
2 | 0
6
5
5 | 0
6
5
6 | 0
6
6
4 | 0
7
0
0 | 0
7
1
0 | 0
7
2
1 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | | | |
| Fibroadenoma, Multiple | | | | | | X | X | | | | | X | X | | | | | | | | | X | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | X | | | | | | | | | | | | X | | | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Respiratory Epithelium, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|-------------------------------|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------------------|--|
| | 04 | 05 | 05 | 05 | 06 | 06 | 06 | 06 | 06 | 06 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | | |
| 300 mg/kg | 7 | 3 | 8 | 8 | 0 | 4 | 5 | 5 | 5 | 6 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 003 | 0 | |
| | 4 | 3 | 0 | 2 | 9 | 4 | 2 | 5 | 6 | 4 | 0 | 0 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 002 | 0 | |
| | 5 | 2 | 4 | 1 | 3 | 6 | 3 | 9 | 6 | 4 | 8 | 4 | 7 | 6 | 5 | 7 | 1 | 4 | 1 | 2 | 3 | 3 | 3 | 3 | 005 | 0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 0 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 0 | |
| Carcinoma, Metastatic, Uterus | | | | | | | | | | | X | | | | | | | | | | | | | | | 0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 0 | |
| Carcinoma, Metastatic, Uterus | | | | | | | | | | | X | | | | | | | | | | | | | | | 0 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 0 | |
| Leukemia Mononuclear | | | X | | X | | X | | | | | | | | | | X | | | | | | | | | 0 | |

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|
| | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | | 0729 |
| 300 mg/kg | 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 | |
| ANIMAL ID | 0300 | 0301 | 0302 | 0303 | 0304 | 0305 | 0306 | 0307 | 0308 | 0309 | 0310 | 0311 | 0312 | 0313 | 0314 | 0315 | 0316 | 0317 | 0318 | 0319 | 0320 | 0321 | 0322 | 0323 | 0324 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Esophagus
Carcinoma, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum
Carcinoma, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver
Carcinoma, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Mesentery | | + | + | | | + | | | | | | | + | | | | | + | | | | | | + | 8 | |
| Oral Mucosa
Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | 1
1 |
| Pancreas
Carcinoma, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | | 0729 |
| 300 mg/kg | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| | 00300 | 00301 | 00302 | 00303 | 00304 | 00305 | 00306 | 00307 | 00308 | 00309 | 00310 | 00311 | 00312 | 00313 | 00314 | 00315 | 00316 | 00317 | 00318 | 00319 | | 00320 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Carcinoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | M | M | + | + | + | 43 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Adenoma | | X | X | X | X | | X | X | | | | | X | | | | X | | X | X | | 22 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| C-cell, Adenoma | | | | X | | | | | | X | | | | | | | X | | | | | 8 |
| C-cell, Carcinoma | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Follicle, Adenoma | | | | X | | | | | | | | | | | | | | | | | | 3 |
| Follicle, Carcinoma | | | | | | | | | | | | | | | | | | X | | | | 1 |

GENERAL BODY SYSTEM

NONE

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|
| | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | | 0729 |
| 300 mg/kg | 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 | |
| ANIMAL ID | 0300 | 0301 | 0302 | 0303 | 0304 | 0305 | 0306 | 0307 | 0308 | 0309 | 0310 | 0311 | 0312 | 0313 | 0314 | 0315 | 0316 | 0317 | 0318 | 0319 | 0320 | 0321 | 0322 | 0323 | 0324 | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma | | | | | | | | X | | | | X | | | | | | | | | | | X | | | 4 |
| Ovary Carcinoma, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Granulosa Cell Tumor Benign | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Uterus Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Polyp Stromal | X | | | | | | | | X | X | | | | | | | | | | | | | X | | | 8 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 |
| Lymph Node, Mesenteric Carcinoma, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | 49 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland Fibroadenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | X | X | X | X | | | X | X | | X | | | | | | | | X | X | | | | X | | 21 |

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|----|
| | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | | 0729 | |
| ANIMAL ID | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 0050 | | |
| Fibroadenoma, Multiple | | | | | | | | | | | | | | X | X | | X | | | | X | X | 10 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | 1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Carcinoma, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Respiratory Epithelium, Adenoma | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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

| FISCHER 344 RATS FEMALE
1000 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | 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 | | |
| | 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 | |
| | 4 | 3 | 6 | 4 | 2 | 3 | 6 | 7 | 8 | 1 | 2 | 3 | 3 | 5 | 5 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 7 | 2 | 3 | 9 | 1 | 3 | 6 | 1 | 7 | 8 | 2 | 7 | 9 | 1 | 6 | 2 | 3 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | 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 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 7 | 6 | 9 | 8 | 6 | 7 | 6 | 8 | 6 | 6 | 5 | 5 | 5 | 8 | 6 | 9 | 8 | 9 | 6 | 7 | 7 | 7 | 9 | 9 | 9 | |
| | 0 | 7 | 5 | 8 | 2 | 1 | 5 | 3 | 9 | 1 | 5 | 1 | 8 | 1 | 0 | 4 | 6 | 6 | 8 | 3 | 6 | 8 | 1 | 2 | 8 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | |
|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
4
7 | 0
2
3 | 0
2
6 | 0
4
4 | 0
5
2 | 0
5
3 | 0
5
6 | 0
5
7 | 0
5
8 | 0
6
1 | 0
6
2 | 0
6
3 | 0
6
3 | 0
6
5 | 0
6
6 | 0
7
2 | 0
7
2 | 0
7
2 | 0
7
2 | 0
7
2 | | | 0
7
2 | 0
7
2 | 0
7
2 | 0
7
2 |
| 1000 mg/kg | 0
0
3
7
0 | 0
0
3
6
0 | 0
0
3
9
0 | 0
0
3
8
0 | 0
0
3
6
0 | 0
0
3
7
1 | 0
0
3
6
5 | 0
0
3
8
3 | 0
0
3
6
9 | 0
0
3
6
1 | 0
0
3
5
5 | 0
0
3
5
1 | 0
0
3
5
8 | 0
0
3
5
1 | 0
0
3
8
0 | 0
0
3
9
4 | 0
0
3
8
6 | 0
0
3
9
6 | 0
0
3
7
3 | 0
0
3
7
6 | 0
0
3
7
7 | 0
0
3
7
7 | 0
0
3
9
9 | 0
0
3
9
9 | 0
0
3
9
9 | 0
0
3
9
8 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pheochromocytoma Benign | | | | | | | | | | X | | | | | | | | | | | | | | | X | | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Parathyroid Gland | M | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | M | + | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Adenoma | | | | | | X | | | | | | | X | | | | | X | | X | | X | X | X | | | |
| Pars Distalis, Carcinoma | | | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| C-cell, Adenoma | | | | | | | | | X | | | X | | | | | | | | | | | | | X | | |
| C-cell, Carcinoma | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Follicle, Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | | | | |
| Follicle, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | X | | | | | | | | | | X | X | | | | | | X | |
| Bilateral, 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE
1000 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-----------------------|-------------|
| | 0
4
7 | 0
2
3 | 0
2
6 | 0
4
4 | 0
5
2 | 0
5
3 | 0
5
6 | 0
5
7 | 0
5
1 | 0
6
8 | 0
6
1 | 0
6
2 | 0
6
3 | 0
6
3 | 0
6
5 | 0
6
7 | 0
7
2 | 0
7
2 | 0
7
2 | 0
7
2 | 0
7
7 | 0
7
7 | 0
7
8 | | | 0
7
8 |
| | 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
3
7
0 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Polyp Stromal | | | | | X | | | X | | | X | X | | X | | | | | X | | | | | | |
| Endometrium, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymph Node | | | | | + | | | | | | | | | | | | | | | | | | | + | | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Fibroadenoma | | | | | | | | | | | | | X | | X | | X | | | | | X | | | |
| Fibroadenoma, Multiple | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | 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 | | |
| 1000 mg/kg | 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 | |
| | 4 | 3 | 6 | 4 | 2 | 3 | 6 | 7 | 8 | 1 | 2 | 3 | 3 | 5 | 5 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 7 | 2 | 3 | 9 | 1 | 3 | 6 | 1 | 7 | 8 | 2 | 7 | 9 | 1 | 6 | 2 | 3 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| | 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 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 7 | 6 | 9 | 8 | 6 | 7 | 6 | 8 | 6 | 6 | 5 | 5 | 5 | 8 | 6 | 9 | 8 | 9 | 6 | 7 | 7 | 7 | 9 | 9 | | |
| | 0 | 7 | 5 | 8 | 2 | 1 | 5 | 3 | 9 | 1 | 5 | 1 | 8 | 1 | 0 | 4 | 6 | 6 | 8 | 3 | 6 | 8 | 1 | 2 | | |

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

Brain +
 Granular Cell Tumor Malignant

RESPIRATORY SYSTEM

Larynx +
 Lung +
 Granular Cell Tumor Malignant, Metastatic, Brain
 Nose + + + + + + + + + + + + + + A A + A A + + + + + + + +
 Trachea +

SPECIAL SENSES SYSTEM

Eye +
 Harderian Gland +

URINARY SYSTEM

Kidney +
 Mesenchymal Tumor Malignant
 Renal Tubule, 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| FISCHER 344 RATS FEMALE | 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 | females
(cont...) |
| | | 0 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 4 | 3 | 6 | 4 | 2 | 3 | 6 | 7 | 8 | 1 | 2 | 3 | 3 | 5 | 5 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 7 | 2 | 3 | 9 | 1 | 3 | 6 | 1 | 7 | 8 | 2 | 7 | 9 | 1 | 6 | 2 | 3 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| 1000 mg/kg | 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 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 7 | 6 | 9 | 8 | 6 | 7 | 6 | 8 | 6 | 6 | 5 | 5 | 5 | 8 | 6 | 9 | 8 | 9 | 6 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | |
| | | 0 | 7 | 5 | 8 | 2 | 1 | 5 | 3 | 9 | 1 | 5 | 1 | 8 | 1 | 0 | 4 | 6 | 6 | 8 | 3 | 6 | 8 | 1 | 2 | 8 | 8 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE
1000 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | | 0729 |
| ANIMAL ID | 00354 | 00356 | 00357 | 00359 | 00363 | 00366 | 00374 | 00377 | 00380 | 00382 | 00388 | 00390 | 00393 | 00397 | 00399 | 00402 | 00403 | 00404 | 00405 | 00407 | 00409 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Mesentery | | | + | + | + | + | + | | + | | | | | | + | | + | + | | | | | 11 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | |
| 1000 mg/kg | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | |
| ANIMAL ID | 00354 | 00356 | 00357 | 00359 | 00363 | 00366 | 00374 | 00377 | 00388 | 00388 | 00399 | 00399 | 00399 | 00399 | 00402 | 00403 | 00407 | 00409 | 00422 | 00425 | 00429 | 00434 | 00435 | 00437 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Parathyroid Gland | + | M | + | + | + | M | M | + | + | M | + | + | M | + | + | + | + | M | + | M | + | M | M | + | + | 35 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pars Distalis, Adenoma | | | X | | | | X | X | | X | X | X | | | | | | X | | X | X | | | | 16 | |
| Pars Distalis, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | X | 2 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| C-cell, Adenoma | X | X | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| C-cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Follicle, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Follicle, Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | | | 1 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | X | | | | | | X | | | | | | | X | | | | | | | | | | | 7 |
| Bilateral, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE
1000 mg/kg | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | | 0
7
2
9 | | |
| ANIMAL ID | 0
0
3
5
4 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
9 | 0
0
3
6
3 | 0
0
3
6
6 | 0
0
3
7
4 | 0
0
3
7
7 | 0
0
3
8
0 | 0
0
3
8
2 | 0
0
3
9
0 | 0
0
3
9
3 | 0
0
3
9
7 | 0
0
3
9
9 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
6
4 | 0
0
3
7
2 | 0
0
3
7
5 | 0
0
3
8
9 | 0
0
3
8
4 | 0
0
3
8
5 | 0
0
3
8
7 | 0
0
3
8
9 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Polyp Stromal | | | | | | | | | | | X | X | | | | | | | X | | | | 9 | |
| Endometrium, Adenoma | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node | | | | | | | | | | | | | | + | | | | | | | + | | | 4 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 48 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibroadenoma | | | | | X | | | | | | | | | X | X | | X | X | | X | | | 10 | |
| Fibroadenoma, Multiple | | | X | | | | | X | | | | | | | | | | | | X | | | 4 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | X | | | | | 1 | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | X | | | 1 | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 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. 99031 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
 Time Report Requested: 12:22:19
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | |
| 1000 mg/kg | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 00354 | 50 |

MUSCULOSKELETAL SYSTEM

Bone + 50

NERVOUS SYSTEM

Brain + 50
 Granular Cell Tumor Malignant X 1

RESPIRATORY SYSTEM

Larynx 1

Lung + 50
 Granular Cell Tumor Malignant, Metastatic, Brain X 1

Nose + 46

Trachea + 50

SPECIAL SENSES SYSTEM

Eye + 50

Harderian Gland + 50

URINARY SYSTEM

Kidney + 50
 Mesenchymal Tumor Malignant X 1
 Renal Tubule, 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

