

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																								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 mg/kg	0 5	0 6	0 3	0 6	0 0	0 0	0 4	0 2	0 9	0 9	0 1	0 6	0 8	0 7	0 7	0 7	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		
	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		

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 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			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	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	2	0002	
	6	3	7	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	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	0	0005	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0006	
	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	0007	
	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	0008	

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

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

FISCHER 344 RATS MALE 0 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	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 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	0 7		
0 mg/kg	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 9	2 9	2 9	2 9	2 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		
	4 8	5 0	0 3	0 4	0 5	1 1	1 2	1 5	1 7	2 0	2 2	2 5	2 6	2 8	3 3	3 6	3 8	4 1	4 2	4 7	0 1	0 8	2 4	3 4	3 5

Keratoacanthoma																									1	
Keratoacanthoma, Multiple																										1
Subcutaneous Tissue, Fibroma																										1
Subcutaneous Tissue, Fibrous Histiocytoma																										1
Subcutaneous Tissue, Schwannoma Malignant																										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	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	000769	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000076	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000007	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000006	
	1	4	1	4	5	6	6	6	8	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	000077	
	5	9	9	3	7	2	7	8	5	4	6	0	4	7	7	7	7	7	7	7	7	7	7	7	000078	

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									X														
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma																							X
Hepatocellular Adenoma, Multiple												X											
Ito Cell Tumor Benign																							
Mesentery					+						+												
Hemangioma					X																		
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	
	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
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																						* TOTALS
	0727	0727	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	0728	
100 mg/kg	0093	0093	0052	0053	0057	0059	0064	0070	0072	0073	0077	0079	0080	0081	0083	0084	0085	0088	0089	0090	0091	0097	50

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 100 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	0728			
ANIMAL ID	00093	00093	00095	00095	00095	00095	00096	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097	00097			
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1		
Skin Basal Cell Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1		
Keratoacanthoma	X	X																							3		
Subcutaneous Tissue, Fibroma																									1		
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
RESPIRATORY SYSTEM																											
Lung Alveolar/Bronchiolar Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1		
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																				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	
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		
		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	01	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

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																								* 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 0 0 2	0 0 0 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 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	

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

ENDOCRINE SYSTEM

Adrenal Cortex Adenoma	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	50 1
Adrenal Medulla Pheochromocytoma Benign Bilateral, Pheochromocytoma Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 4 1
Islets, Pancreatic Adenoma Carcinoma	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	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	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	26	
Interstitial Cell, Adenoma								X				X	X		X	X							X		13	

HEMATOPOIETIC SYSTEM

Bone Marrow	+																								A	48
Lymph Node Mediastinal, Carcinoma, Metastatic, Thyroid Gland																									+	9
																									X	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	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

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	026	
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

DAY ON TEST	FISCHER 344 RATS MALE																								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			
5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0		
0	1	5	6	8	9	0	0	4	5	6	6	6	6	7	8	3	5	8	8	8	9	9	9	9	0		
5	0	4	8	1	1	0	2	0	8	5	5	5	7	8	3	5	8	9	9	3	3	5	6	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		
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
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	0		
5	9	5	6	8	0	9	8	5	7	7	3	1	0	2	7	5	6	5	3	0	3	8	6	4	0		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenoma																											
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Pheochromocytoma Benign																											
Pheochromocytoma Benign, Multiple																											
Pheochromocytoma Complex																											
Pheochromocytoma Malignant																											
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Adenoma																											
Carcinoma																											
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Pars Distalis, Adenoma																											
Pars Distalis, Adenoma, Multiple																											
Pars Distalis, Carcinoma																											
Pars Intermedia, Adenoma																											
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+			
C-cell, Adenoma																											
Follicle, Adenoma																											

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	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	00077	00066	00077	00055	00055	00066	00066	00066	00077	00088	00099	00099	00099	00055	00077	00088	00099	00055	00077	00099	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
ENDOCRINE SYSTEM																											
Adrenal Cortex Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
Adrenal Medulla Pheochromocytoma Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 6	
Pheochromocytoma Benign, Multiple		X	X																		X					1	
Pheochromocytoma Complex							X																			1	
Pheochromocytoma Malignant																							X			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					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	0007	0002	0002	0003	0001	0002	0004	0009	0009	0001	0002	0004	0001	0003	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	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	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	002000	002001	002007	002008	002009	002010	002011	002017	002017	002017	002017	002017	002017	002017	002017	002017	002017	002017	002017	002017	002017	002017	002017		
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1	
Skin Keratoacanthoma	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 3	
Keratoacanthoma, Multiple						X										X	X							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	00200	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011	00011		
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	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	8	8		
	ANIMAL ID																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	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

DAY ON TEST	FISCHER 344 RATS FEMALE																								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	5	9	5	8	9	1	4	5	6	8	9	1	1	2	2	2	2	2	2	2	2	2	2	2	00	
	4	8	1	7	6	4	1	3	3	8	8	3	3	8	8	8	8	8	8	8	8	8	8	8	00	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	00	
	3	0	0	4	1	4	2	4	4	3	2	3	4	0	1	1	1	2	3	3	5	0	0	0	00	
	8	6	4	1	2	2	7	5	6	9	4	4	7	3	4	7	9	1	3	7	0	1	2	9	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																								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																								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		
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		
	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		
	30	00	04	11	44	22	44	44	33	22	34	00	11	11	11	22	33	33	55	00	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	
	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	50
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	50

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

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	13			
Fibroadenoma, Multiple									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																								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 5	0 6 6 0	0 6 6 6	0 6 7 2	0 6 9 6	0 7 9 5	0 7 0 1	0 7 2 5	0 7 2 8	0 7 2 8			
100 mg/kg	0 0 2 9 4	0 0 2 8 3	0 0 2 5 9	0 0 2 6 6	0 0 2 7 9	0 0 2 8 7	0 0 2 7 6	0 0 3 0 0	0 0 2 5 1	0 0 2 8 4	0 0 2 5 3	0 0 2 9 8	0 0 2 7 3	0 0 2 8 2	0 0 2 8 9	0 0 2 8 6	0 0 2 7 4	0 0 2 7 2	0 0 2 7 7	0 0 2 7 8	0 0 2 7 1	0 0 2 9 2	0 0 2 5 2	0 0 2 5 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 8 7	0 0 9 1	0 0 2 2	0 0 5 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	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																							

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...)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0327	0330	0333	0336	0339	0342	0345	0348	0351	0354	0357	0360	0363	0366	0369	0372	0375	0378	0381	0384	0387	0390	0393	0396	0399			0402	0405	0408	0411	0414	0417	0420	0423	0426	0429	0432	0435	0438	0441	0444	0447	0450	0453	0456	0459	0462	0465	0468	0471	0474	0477	0480	0483	0486	0489	0492	0495	0498	0501	0504	0507	0510	0513	0516	0519	0522	0525	0528	0531	0534	0537	0540	0543	0546	0549	0552	0555	0558	0561	0564	0567	0570	0573	0576	0579	0582	0585	0588	0591	0594	0597	0600	0603	0606	0609	0612	0615	0618	0621	0624	0627	0630	0633	0636	0639	0642	0645	0648	0651	0654	0657	0660	0663	0666	0669	0672	0675	0678	0681	0684	0687	0690	0693	0696	0699	0702	0705	0708	0711	0714	0717	0720	0723	0726	0729	0732	0735	0738	0741	0744	0747	0750	0753	0756	0759	0762	0765	0768	0771	0774	0777	0780	0783	0786	0789	0792	0795	0798	0801	0804	0807	0810	0813	0816	0819	0822	0825	0828	0831	0834	0837	0840	0843	0846	0849	0852	0855	0858	0861	0864	0867	0870	0873	0876	0879	0882	0885	0888	0891	0894	0897	0900	0903	0906	0909	0912	0915	0918	0921	0924	0927	0930	0933	0936	0939	0942	0945	0948	0951	0954	0957	0960	0963	0966	0969	0972	0975	0978	0981	0984	0987	0990	0993	0996	0999	1002	1005	1008	1011	1014	1017	1020	1023	1026	1029	1032	1035	1038	1041	1044	1047	1050	1053	1056	1059	1062	1065	1068	1071	1074	1077	1080	1083	1086	1089	1092	1095	1098	1101	1104	1107	1110	1113	1116	1119	1122	1125	1128	1131	1134	1137	1140	1143	1146	1149	1152	1155	1158	1161	1164	1167	1170	1173	1176	1179	1182	1185	1188	1191	1194	1197	1200	1203	1206	1209	1212	1215	1218	1221	1224	1227	1230	1233	1236	1239	1242	1245	1248	1251	1254	1257	1260	1263	1266	1269	1272	1275	1278	1281	1284	1287	1290	1293	1296	1299	1302	1305	1308	1311	1314	1317	1320	1323	1326	1329	1332	1335	1338	1341	1344	1347	1350	1353	1356	1359	1362	1365	1368	1371	1374	1377	1380	1383	1386	1389	1392	1395	1398	1401	1404	1407	1410	1413	1416	1419	1422	1425	1428	1431	1434	1437	1440	1443	1446	1449	1452	1455	1458	1461	1464	1467	1470	1473	1476	1479	1482	1485	1488	1491	1494	1497	1500	1503	1506	1509	1512	1515	1518	1521	1524	1527	1530	1533	1536	1539	1542	1545	1548	1551	1554	1557	1560	1563	1566	1569	1572	1575	1578	1581	1584	1587	1590	1593	1596	1599	1602	1605	1608	1611	1614	1617	1620	1623	1626	1629	1632	1635	1638	1641	1644	1647	1650	1653	1656	1659	1662	1665	1668	1671	1674	1677	1680	1683	1686	1689	1692	1695	1698	1701	1704	1707	1710	1713	1716	1719	1722	1725	1728	1731	1734	1737	1740	1743	1746	1749	1752	1755	1758	1761	1764	1767	1770	1773	1776	1779	1782	1785	1788	1791	1794	1797	1800	1803	1806	1809	1812	1815	1818	1821	1824	1827	1830	1833	1836	1839	1842	1845	1848	1851	1854	1857	1860	1863	1866	1869	1872	1875	1878	1881	1884	1887	1890	1893	1896	1899	1902	1905	1908	1911	1914	1917	1920	1923	1926	1929	1932	1935	1938	1941	1944	1947	1950	1953	1956	1959	1962	1965	1968	1971	1974	1977	1980	1983	1986	1989	1992	1995	1998	2001	2004	2007	2010	2013	2016	2019	2022	2025	2028	2031	2034	2037	2040	2043	2046	2049	2052	2055	2058	2061	2064	2067	2070	2073	2076	2079	2082	2085	2088	2091	2094	2097	2100	2103	2106	2109	2112	2115	2118	2121	2124	2127	2130	2133	2136	2139	2142	2145	2148	2151	2154	2157	2160	2163	2166	2169	2172	2175	2178	2181	2184	2187	2190	2193	2196	2199	2202	2205	2208	2211	2214	2217	2220	2223	2226	2229	2232	2235	2238	2241	2244	2247	2250	2253	2256	2259	2262	2265	2268	2271	2274	2277	2280	2283	2286	2289	2292	2295	2298	2301	2304	2307	2310	2313	2316	2319	2322	2325	2328	2331	2334	2337	2340	2343	2346	2349	2352	2355	2358	2361	2364	2367	2370	2373	2376	2379	2382	2385	2388	2391	2394	2397	2400	2403	2406	2409	2412	2415	2418	2421	2424	2427	2430	2433	2436	2439	2442	2445	2448	2451	2454	2457	2460	2463	2466	2469	2472	2475	2478	2481	2484	2487	2490	2493	2496	2499	2502	2505	2508	2511	2514	2517	2520	2523	2526	2529	2532	2535	2538	2541	2544	2547	2550	2553	2556	2559	2562	2565	2568	2571	2574	2577	2580	2583	2586	2589	2592	2595	2598	2601	2604	2607	2610	2613	2616	2619	2622	2625	2628	2631	2634	2637	2640	2643	2646	2649	2652	2655	2658	2661	2664	2667	2670	2673	2676	2679	2682	2685	2688	2691	2694	2697	2700	2703	2706	2709	2712	2715	2718	2721	2724	2727	2730	2733	2736	2739	2742	2745	2748	2751	2754	2757	2760	2763	2766	2769	2772	2775	2778	2781	2784	2787	2790	2793	2796	2799	2802	2805	2808	2811	2814	2817	2820	2823	2826	2829	2832	2835	2838	2841	2844	2847	2850	2853	2856	2859	2862	2865	2868	2871	2874	2877	2880	2883	2886	2889	2892	2895	2898	2901	2904	2907	2910	2913	2916	2919	2922	2925	2928	2931	2934	2937	2940	2943	2946	2949	2952	2955	2958	2961	2964	2967	2970	2973	2976	2979	2982	2985	2988	2991	2994	2997	3000	3003	3006	3009	3012	3015	3018	3021	3024	3027	3030	3033	3036	3039	3042	3045	3048	3051	3054	3057	3060	3063	3066	3069	3072	3075	3078	3081	3084	3087	3090	3093	3096	3099	3102	3105	3108	3111	3114	3117	3120	3123	3126	3129	3132	3135	3138	3141	3144	3147	3150	3153	3156	3159	3162	3165	3168	3171	3174	3177	3180	3183	3186	3189	3192	3195	3198	3201	3204	3207	3210	3213	3216	3219	3222	3225	3228	3231	3234	3237	3240	3243	3246	3249	3252	3255	3258	3261	3264	3267	3270	3273	3276	3279	3282	3285	3288	3291	3294	3297	3300	3303	3306	3309	3312	3315	3318	3321	3324	3327	3330	3333	3336	3339	3342	3345	3348	3351	3354	3357	3360	3363	3366	3369	3372	3375	3378	3381	3384	3387	3390	3393	3396	3399	3402	3405	3408	3411	3414	3417	3420	3423	3426	3429	3432	3435	3438	3441	3444	3447	3450	3453	3456	3459	3462	3465	3468	3471	3474	3477	3480	3483	3486	3489	3492	3495	3498	3501	3504	3507	3510	3513	3516	3519	3522	3525	3528	3531	3534	3537	3540	3543	3546	3549	3552	3555	3558	3561	3564	3567	3570	3573	3576	3579	3582	3585	3588	3591	3594	3597	3600	3603	3606	3609	3612	3615	3618	3621	3624	3627	3630	3633	3636	3639	3642	3645	3648	3651	3654	3657	3660	3663	3666	3669	3672	3675	3678	3681	3684	3687	3690	3693	3696	3699	3702	3705	3708	3711	3714	3717	3720	3723	3726	3729	3732	3735	3738	3741	3744	3747	3750	3753	3756	3759	3762	3765	3768	3771	3774	3777	3780	3783	3786	3789	3792	3795	3798	3801	3804	3807	3810	3813	3816	3819	3822	3825	3828	3831	3834	3837	3840	3843	3846	3849	3852	3855	3858	3861	3864	3867	3870	3873	3876	3879	3882	3885	3888	3891	3894	3897	3900	3903	3906	3909	3912	3915	3918	3921	3924	3927	3930	3933	3936	3939	3942	3945	3948	3951	3954	3957	3960	3963	3966	3969	3972	3975	3978	3981	3984	3987	3990	3993	3996	3999	4002	4005	4008	4011	4014	4017	4020	4023	4026	4029	4032	4035	4038	4041	4044	4047	4050	4053	4056	4059	4062	4065	4068	4071	4074	4077	4080	4083	4086	4089	4092	4095	4098	4101	4104	4107	4110	4113	4116	4119	4122	4125	4128	4131	4134	4137	4140	4143	4146	4149	4152	4155	4158	4161	4164	4167	4170	4173	4176	4179	4182	4185	4188	4191	4194	4197	4200	4203	4206	4209	4212	4215	4218	4221	4224	4227	4230	4233	4236	4239	4242	4245	4248	4251	4254	4257	4260	4263	4266	4269	4272	4275	4278	4281	4284	4287	4290	4293	4296	4299	4302

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	0001	0007	0008	0000	0008	0001	0006	0000	0008	0002	0003	0004	0009	0005	0000	0001	0003	0006	0007
	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

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	7	8	9	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	X	1
Thyroid Gland C-cell, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 8
C-cell, Carcinoma				X					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	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				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

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	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		
	7	3	8	8	0	4	5	5	5	6	0	1	2	2	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	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		
	2	4	3	0	3	2	0	2	1	4	2	1	2	0	1	1	2	2	3	3	3	3	4	4		
	5	2	4	1	3	6	3	9	6	4	8	4	7	6	5	7	1	4	1	2	6	7	8	9		
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				
Thyroid Gland	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
C-cell, Adenoma									X			X	X				X		X							
C-cell, Carcinoma																										
Follicle, Adenoma															X								X			
Follicle, Carcinoma																										

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
Uterus Carcinoma Polyp Stromal	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

INTEGUMENTARY SYSTEM

Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	X		X						X				X	X		X	X	X		X		X	X	

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

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

		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
FISCHER 344 RATS FEMALE		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	300 mg/kg	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
		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	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	
		0	1	1	1	2	3	4	4	4	4	0	0	0	0	1	1	1	2	2	3	3	4	
		2	0	1	3	0	9	0	3	5	6	8	4	5	7	8	9	2	8	9	2	3	0	
																						* TOTALS		
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						X																	3	
Carcinoma, Metastatic, Uterus																						1		
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Respiratory Epithelium, Adenoma																		X	X					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

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 1	0 6 8	0 6 2	0 6 3	0 6 3	0 6 5	0 6 7	0 6 2	0 7 3	0 7 2	0 7 2	0 7 2	0 7 8	0 7 8	0 7 8	0 7 8		
1000 mg/kg	0 0 3 7 0	0 0 3 6 0	0 0 3 9 5	0 0 3 8 2	0 0 3 6 1	0 0 3 7 5	0 0 3 6 3	0 0 3 8 9	0 0 3 6 1	0 0 3 6 5	0 0 3 5 1	0 0 3 5 1	0 0 3 5 8	0 0 3 5 1	0 0 3 8 0	0 0 3 6 4	0 0 3 9 6	0 0 3 7 3	0 0 3 7 6	0 0 3 7 7	0 0 3 7 8	0 0 3 9 1	0 0 3 9 2	0 0 3 9 8	0 0 3 9 8	

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 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	0729	
ANIMAL ID	00354	00356	00357	00359	00363	00366	00374	00377	00380	00382	00383	00387	00389	00393	00397	00402	00403	00404	00405	00406	00407	00408	00409	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Polyp Stromal Endometrium, Adenoma										X	X								X					9
																								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			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

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	0729	0729	0729		
ANIMAL ID	00354	00336	00337	00339	00343	00346	00347	00348	00350	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366		
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																									1	
Leukemia Mononuclear	X			X		X									X							X			5	

*** END OF REPORT ***

* .. 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