

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF GINKGO BILOBA EXTRACT

MALE RATS

Organ

Adrenal Cortex

Bone Marrow
Epididymis
Eye: Anterior Chamber
Heart: Atrium
Kidney: Papilla
Liver

Liver: Bile Duct
Liver: Hepatocyte

Liver: Oval Cell
Lung
Lung: Alveolar Epithelium
Nose
Nose: Goblet Cell, Respiratory Epithelium
Nose: Nerve, Olfactory Epithelium
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium
Nose: Submucosa
Nose: Transitional Epithelium
Pancreas: Acinus

Morphology

Hypertrophy Diffuse
Vacuolization Cytoplasmic Diffuse
Hyperplasia
Granuloma Sperm
Inflammation
Thrombosis
Necrosis
Basophilic Focus
Clear Cell Focus
Degeneration Cystic
Eosinophilic Focus
Fatty Change Focal
Inflammation Chronic
Mixed Cell Focus
Necrosis
Hyperplasia
Fatty Change
Hypertrophy
Hyperplasia
Inflammation Chronic
Hyperplasia
Inflammation Chronic
Hyperplasia
Atrophy
Accumulation, Hyaline Droplet
Atrophy
Pigmentation
Respiratory Metaplasia
Hyperplasia
Fibrosis
Hyperplasia
Atrophy

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Pancreas: Duct
Parathyroid Gland
Prostate
Spleen
Spleen: Lymphoid Follicle
Stomach, Glandular
Stomach, Glandular: Glands
Thyroid Gland: Follicle
Thyroid Gland: Follicular Cell
Urinary Bladder

Cyst
Hyperplasia
Inflammation
Hematopoietic Cell Proliferation
Atrophy
Mineralization
Ectasia
Hyperplasia
Hypertrophy
Inflammation Acute
Ulcer

FEMALE RATS

Organ

Adrenal Cortex

Eye
Kidney
Liver

Liver: Bile Duct
Liver: Hepatocyte

Lymph Node: Mediastinal
Mammary Gland: Duct
Nose

Nose: Goblet Cell, Respiratory Epithelium
Nose: Nerve, Olfactory Epithelium
Nose: Olfactory Epithelium

Morphology

Hypertrophy Diffuse
Vacuolization Cytoplasmic Focal
Cataract
Infarct
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Fatty Change Focal
Hepatodiaphragmatic Nodule
Mixed Cell Focus
Hyperplasia
Fatty Change
Hypertrophy
Hyperplasia Lymphoid
Cyst
Foreign Body
Inflammation Chronic
Hyperplasia
Atrophy
Accumulation, Hyaline Droplet
Atrophy

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Nose: Respiratory Epithelium
Nose: Transitional Epithelium
Pancreas: Acinus
Pituitary Gland: Pars Distalis
Stomach, Glandular
Thyroid Gland: C-Cell
Thyroid Gland: Follicular Cell
Uterus
Uterus: Endometrium

Pigmentation
Respiratory Metaplasia
Hyperplasia
Hyperplasia
Hyperplasia
Hyperplasia
Ulcer
Hyperplasia
Hypertrophy
Cyst
Hyperplasia Cystic

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex Degeneration Cystic				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/50 (8%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.51	4/46.04	0/44.58	0/41.86
POLY-3 PERCENT (g)	4.3%	8.7%	0%	0%
TERMINAL (d)	1/38 (3%)	3/37 (8%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	708	685	---	---
STATISTICAL TESTS				
POLY 3	P=0.084N	P=0.333	P=0.247N	P=0.261N
POLY 1.5	P=0.079N	P=0.331	P=0.242N	P=0.250N
POLY 6	P=0.094N	P=0.335	P=0.254N	P=0.283N
COCH-ARM / FISHERS	P=0.076N	P=0.339	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.086N	P=0.198	P=0.085N	P=0.099N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Hyperplasia Focal				
LESION RATES				
OVERALL (a)	12/50 (24%)	9/50 (18%)	9/50 (18%)	8/50 (16%)
POLY-3 RATE (b)	12/46.75	9/46.40	9/44.60	8/42.33
POLY-3 PERCENT (g)	25.7%	19.4%	20.2%	18.9%
TERMINAL (d)	11/38 (29%)	7/37 (19%)	8/31 (26%)	5/16 (31%)
FIRST INCIDENCE	640	643	721	668
STATISTICAL TESTS				
POLY 3	P=0.351N	P=0.317N	P=0.354N	P=0.305N
POLY 1.5	P=0.306N	P=0.324N	P=0.334N	P=0.266N
POLY 6	P=0.433N	P=0.309N	P=0.387N	P=0.378N
COCH-ARM / FISHERS	P=0.267N	P=0.312N	P=0.312N	P=0.227N
MAX-ISO-POLY-3	P=0.373N	P=0.236N	P=0.272N	P=0.233N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex Hypertrophy Diffuse				
LESION RATES				
OVERALL (a)	3/50 (6%)	3/50 (6%)	5/50 (10%)	11/50 (22%)
POLY-3 RATE (b)	3/47.55	3/46.34	5/45.42	11/44.97
POLY-3 PERCENT (g)	6.3%	6.5%	11%	24.5%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	526	643	626	510
STATISTICAL TESTS				
POLY 3	P=0.002**	P=0.650	P=0.332	P=0.014*
POLY 1.5	P=0.002**	P=0.651	P=0.343	P=0.017*
POLY 6	P<0.001**	P=0.650	P=0.317	P=0.010**
COCH-ARM / FISHERS	P=0.003**	P=0.661N	P=0.357	P=0.020*
MAX-ISO-POLY-3	P=0.003**	P=0.486	P=0.216	P=0.008**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Hypertrophy Focal				
LESION RATES				
OVERALL (a)	7/50 (14%)	10/50 (20%)	9/50 (18%)	3/50 (6%)
POLY-3 RATE (b)	7/46.43	10/46.27	9/44.58	3/42.43
POLY-3 PERCENT (g)	15.1%	21.6%	20.2%	7.1%
TERMINAL (d)	7/38 (18%)	8/37 (22%)	9/31 (29%)	1/16 (6%)
FIRST INCIDENCE	727 (T)	643	727 (T)	581
STATISTICAL TESTS				
POLY 3	P=0.082N	P=0.293	P=0.358	P=0.196N
POLY 1.5	P=0.067N	P=0.288	P=0.374	P=0.177N
POLY 6	P=0.115N	P=0.301	P=0.333	P=0.233N
COCH-ARM / FISHERS	P=0.055N	P=0.298	P=0.393	P=0.159N
MAX-ISO-POLY-3	P=0.118N	P=0.209	P=0.266	P=0.127N

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex Necrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.43	1/46.13	2/44.94	1/42.01
POLY-3 PERCENT (g)	0%	2.2%	4.5%	2.4%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	---	657	626	689
STATISTICAL TESTS				
POLY 3	P=0.478	P=0.499	P=0.230	P=0.480
POLY 1.5	P=0.502	P=0.497	P=0.233	P=0.490
POLY 6	P=0.437	P=0.500	P=0.225	P=0.464
COCH-ARM / FISHERS	P=0.526	P=0.500	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.246	P=0.159	P=0.076	P=0.158

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Vacuolization Cytoplasmic Diffuse				
LESION RATES				
OVERALL (a)	18/50 (36%)	25/50 (50%)	33/50 (66%)	34/50 (68%)
POLY-3 RATE (b)	18/47.62	25/48.15	33/49.31	34/48.23
POLY-3 PERCENT (g)	37.8%	51.9%	66.9%	70.5%
TERMINAL (d)	11/38 (29%)	17/37 (46%)	17/31 (55%)	6/16 (38%)
FIRST INCIDENCE	626	449	485	505
STATISTICAL TESTS				
POLY 3	P=0.002**	P=0.117	P=0.003**	P<0.001**
POLY 1.5	P=0.002**	P=0.109	P=0.002**	P<0.001**
POLY 6	P=0.002**	P=0.123	P=0.003**	P<0.001**
COCH-ARM / FISHERS	P=0.003**	P=0.113	P=0.002**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.082	P=0.002**	P<0.001**

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Vacuolization Cytoplasmic Focal				
LESION RATES				
OVERALL (a)	17/50 (34%)	17/50 (34%)	16/50 (32%)	13/50 (26%)
POLY-3 RATE (b)	17/47.73	17/46.52	16/45.05	13/43.65
POLY-3 PERCENT (g)	35.6%	36.6%	35.5%	29.8%
TERMINAL (d)	14/38 (37%)	14/37 (38%)	14/31 (45%)	5/16 (31%)
FIRST INCIDENCE	526	643	617	600
STATISTICAL TESTS				
POLY 3	P=0.283N	P=0.548	P=0.582N	P=0.355N
POLY 1.5	P=0.236N	P=0.550	P=0.545N	P=0.308N
POLY 6	P=0.370N	P=0.547	P=0.538	P=0.437N
COCH-ARM / FISHERS	P=0.196N	P=0.583N	P=0.500N	P=0.257N
MAX-ISO-POLY-3	P=0.438N	P=0.462	P=0.495N	P=0.285N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	15/50 (30%)	16/50 (32%)	8/50 (16%)	10/50 (20%)
POLY-3 RATE (b)	15/46.92	16/46.72	8/45.34	10/43.00
POLY-3 PERCENT (g)	32%	34.2%	17.7%	23.3%
TERMINAL (d)	13/38 (34%)	13/37 (35%)	4/31 (13%)	3/16 (19%)
FIRST INCIDENCE	640	519	588	665
STATISTICAL TESTS				
POLY 3	P=0.168N	P=0.494	P=0.086N	P=0.245N
POLY 1.5	P=0.141N	P=0.486	P=0.081N	P=0.211N
POLY 6	P=0.221N	P=0.502	P=0.096N	P=0.310N
COCH-ARM / FISHERS	P=0.119N	P=0.500	P=0.077N	P=0.178N
MAX-ISO-POLY-3	P=0.155N	P=0.406	P=0.057N	P=0.187N

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Blood Vessel: Aorta Mineralization				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/46.57	0/45.87	0/44.58	2/42.36
POLY-3 PERCENT (g)	2.2%	0%	0%	4.7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	692	---	---	658
STATISTICAL TESTS				
POLY 3	P=0.173	P=0.503N	P=0.509N	P=0.467
POLY 1.5	P=0.180	P=0.503N	P=0.505N	P=0.483
POLY 6	P=0.162	P=0.503N	P=0.515N	P=0.440
COCH-ARM / FISHERS	P=0.186	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.132	P=0.162N	P=0.169N	P=0.263

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	14/50 (28%)	15/50 (30%)	21/48 (44%)	26/50 (52%)
POLY-3 RATE (b)	14/47.03	15/47.93	21/44.43	26/45.75
POLY-3 PERCENT (g)	29.8%	31.3%	47.3%	56.8%
TERMINAL (d)	11/38 (29%)	9/37 (24%)	15/30 (50%)	12/16 (75%)
FIRST INCIDENCE	626	15	534	505
STATISTICAL TESTS				
POLY 3	P=0.002**	P=0.524	P=0.063	P=0.006**
POLY 1.5	P=0.003**	P=0.513	P=0.069	P=0.008**
POLY 6	P<0.001**	P=0.541	P=0.054	P=0.003**
COCH-ARM / FISHERS	P=0.006**	P=0.500	P=0.078	P=0.012*
MAX-ISO-POLY-3	P=0.004**	P=0.435	P=0.042*	P=0.003**

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Epididymis				
Granuloma Sperm				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	1/45.87	3/44.58	0/41.86
POLY-3 PERCENT (g)	0%	2.2%	6.7%	0%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	3/31 (10%)	0/16 (0%)
FIRST INCIDENCE	---	727 (T)	727 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.523N	P=0.498	P=0.111	(e)
POLY 1.5	P=0.498N	P=0.497	P=0.115	(e)
POLY 6	P=0.566N	P=0.498	P=0.106	(e)
COCH-ARM / FISHERS	P=0.474N	P=0.500	P=0.121	(e)
MAX-ISO-POLY-3	P=0.240	P=0.159	P=0.038*	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Eye Cataract				
LESION RATES				
OVERALL (a)	1/50 (2%)	4/50 (8%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.43	4/46.13	0/44.58	0/41.86
POLY-3 PERCENT (g)	2.2%	8.7%	0%	0%
TERMINAL (d)	1/38 (3%)	3/37 (8%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	657	---	---
STATISTICAL TESTS				
POLY 3	P=0.134N	P=0.177	P=0.508N	P=0.521N
POLY 1.5	P=0.128N	P=0.175	P=0.504N	P=0.511N
POLY 6	P=0.146N	P=0.179	P=0.514N	P=0.538N
COCH-ARM / FISHERS	P=0.123N	P=0.181	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.114N	P=0.083	P=0.169N	P=0.184N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Eye: Anterior Chamber Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	2/42.67
POLY-3 PERCENT (g)	0%	0%	0%	4.7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	510
STATISTICAL TESTS				
POLY 3	P=0.037*	(e)	(e)	P=0.219
POLY 1.5	P=0.039*	(e)	(e)	P=0.228
POLY 6	P=0.034*	(e)	(e)	P=0.203
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.076

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Eye: Retina				
Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	1/45.87	0/44.58	0/41.86
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	727 (T)	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Harderian Gland Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	2/45.87	0/44.58	0/41.86
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/38 (0%)	2/37 (5%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	727 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.408N	P=0.234	(e)	(e)
POLY 1.5	P=0.402N	P=0.234	(e)	(e)
POLY 6	P=0.419N	P=0.235	(e)	(e)
COCH-ARM / FISHERS	P=0.392N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.292N	P=0.076	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Harderian Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	0/41.86
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	50/50 (100%)	48/50 (96%)	49/50 (98%)	50/50 (100%)
POLY-3 RATE (b)	50/50.00	48/49.00	49/49.30	50/50.00
POLY-3 PERCENT (g)	100%	98%	99.4%	100%
TERMINAL (d)	38/38 (100%)	36/37 (97%)	31/31 (100%)	16/16 (100%)
FIRST INCIDENCE	505	449	534	505
STATISTICAL TESTS				
POLY 3	P=0.584	P=0.496N	P=0.990N	(e)
POLY 1.5	P=0.565	P=0.495N	P=0.796N	(e)
POLY 6	P=0.598	P=0.496N	P=1.000N	(e)
COCH-ARM / FISHERS	P=0.383	P=0.247N	P=0.500N	(e)
MAX-ISO-POLY-3	P=0.400	P=0.159N	P=0.161N	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Heart: Atrium Thrombosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	3/46.59	0/45.87	1/44.66	3/42.43
POLY-3 PERCENT (g)	6.4%	0%	2.2%	7.1%
TERMINAL (d)	1/38 (3%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	706	---	706	665
STATISTICAL TESTS				
POLY 3	P=0.285	P=0.122N	P=0.321N	P=0.619
POLY 1.5	P=0.300	P=0.122N	P=0.314N	P=0.639
POLY 6	P=0.262	P=0.121N	P=0.332N	P=0.581
COCH-ARM / FISHERS	P=0.311	P=0.121N	P=0.309N	P=0.661N
MAX-ISO-POLY-3	P=0.273	P=0.040N*	P=0.170N	P=0.454

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Heart: Myocardium Mineralization				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/46.57	0/45.87	0/44.58	2/42.23
POLY-3 PERCENT (g)	2.2%	0%	0%	4.7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	692	---	---	658
STATISTICAL TESTS				
POLY 3	P=0.173	P=0.503N	P=0.509N	P=0.466
POLY 1.5	P=0.180	P=0.503N	P=0.505N	P=0.482
POLY 6	P=0.162	P=0.503N	P=0.515N	P=0.438
COCH-ARM / FISHERS	P=0.186	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.132	P=0.162N	P=0.169N	P=0.262

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Intestine Large, Cecum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.43	0/44.94	0/44.58	1/42.30
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	602
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Intestine Large, Colon				
Parasite Metazoan				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.43	0/45.87	2/44.71	1/41.86
POLY-3 PERCENT (g)	0%	0%	4.5%	2.4%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/31 (3%)	1/16 (6%)
FIRST INCIDENCE	---	---	695	727 (T)
STATISTICAL TESTS				
POLY 3	P=0.339	(e)	P=0.229	P=0.479
POLY 1.5	P=0.362	(e)	P=0.233	P=0.489
POLY 6	P=0.301	(e)	P=0.223	P=0.462
COCH-ARM / FISHERS	P=0.383	(e)	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.188	(e)	P=0.076	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Intestine Large, Rectum Parasite Metazoan				
LESION RATES				
OVERALL (a)	3/50 (6%)	8/50 (16%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	3/47.10	8/46.18	5/44.58	5/41.99
POLY-3 PERCENT (g)	6.4%	17.3%	11.2%	11.9%
TERMINAL (d)	2/38 (5%)	6/37 (16%)	5/31 (16%)	4/16 (25%)
FIRST INCIDENCE	505	668	727 (T)	696
STATISTICAL TESTS				
POLY 3	P=0.503	P=0.092	P=0.327	P=0.295
POLY 1.5	P=0.547	P=0.092	P=0.340	P=0.324
POLY 6	P=0.430	P=0.093	P=0.308	P=0.251
COCH-ARM / FISHERS	P=0.570N	P=0.100	P=0.357	P=0.357
MAX-ISO-POLY-3	P=0.261	P=0.051	P=0.213	P=0.195

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	3/46.54	2/45.87	5/44.71	2/42.59
POLY-3 PERCENT (g)	6.5%	4.4%	11.2%	4.7%
TERMINAL (d)	2/38 (5%)	2/37 (5%)	4/31 (13%)	0/16 (0%)
FIRST INCIDENCE	699	727 (T)	695	510
STATISTICAL TESTS				
POLY 3	P=0.507N	P=0.507N	P=0.334	P=0.540N
POLY 1.5	P=0.478N	P=0.508N	P=0.345	P=0.521N
POLY 6	P=0.558N	P=0.506N	P=0.318	P=0.576N
COCH-ARM / FISHERS	P=0.454N	P=0.500N	P=0.357	P=0.500N
MAX-ISO-POLY-3	P=0.510	P=0.331N	P=0.218	P=0.366N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney Infarct				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	1/45.05	0/41.86
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	588	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	0/41.86
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney				
Nephropathy				
LESION RATES				
OVERALL (a)	49/50 (98%)	49/50 (98%)	49/50 (98%)	50/50 (100%)
POLY-3 RATE (b)	49/49.86	49/49.00	49/49.30	50/50.00
POLY-3 PERCENT (g)	98.3%	100%	99.4%	100%
TERMINAL (d)	38/38 (100%)	37/37 (100%)	31/31 (100%)	16/16 (100%)
FIRST INCIDENCE	505	449	534	505
STATISTICAL TESTS				
POLY 3	P=0.534	P=0.567	P=0.685	P=0.563
POLY 1.5	P=0.493	P=0.536	P=0.717	P=0.530
POLY 6	P=0.612	P=0.637	P=0.679	P=0.633
COCH-ARM / FISHERS	P=0.327	P=0.753N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.148	P=0.163	P=0.272	P=0.159

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney: Papilla Necrosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	3/47.28	1/46.10	0/44.58	1/42.12
POLY-3 PERCENT (g)	6.4%	2.2%	0%	2.4%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	533	668	---	658
STATISTICAL TESTS				
POLY 3	P=0.378N	P=0.315N	P=0.130N	P=0.348N
POLY 1.5	P=0.369N	P=0.314N	P=0.125N	P=0.328N
POLY 6	P=0.391N	P=0.315N	P=0.137N	P=0.383N
COCH-ARM / FISHERS	P=0.364N	P=0.309N	P=0.121N	P=0.309N
MAX-ISO-POLY-3	P=0.129N	P=0.164N	P=0.047N*	P=0.197N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney: Renal Tubule Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.43	0/45.87	0/44.58	0/41.86
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/38 (3%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/46.43	5/45.87	2/44.58	3/42.41
POLY-3 PERCENT (g)	4.3%	10.9%	4.5%	7.1%
TERMINAL (d)	2/38 (5%)	5/37 (14%)	2/31 (7%)	1/16 (6%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	600
STATISTICAL TESTS				
POLY 3	P=0.586	P=0.211	P=0.679	P=0.459
POLY 1.5	P=0.598N	P=0.210	P=0.686	P=0.479
POLY 6	P=0.543	P=0.212	P=0.669	P=0.424
COCH-ARM / FISHERS	P=0.576N	P=0.218	P=0.691N	P=0.500
MAX-ISO-POLY-3	P=0.454	P=0.117	P=0.483	P=0.296

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	30/50 (60%)	37/50 (74%)	23/50 (46%)	22/50 (44%)
POLY-3 RATE (b)	30/47.53	37/46.29	23/44.58	22/44.68
POLY-3 PERCENT (g)	63.1%	79.9%	51.6%	49.2%
TERMINAL (d)	27/38 (71%)	34/37 (92%)	23/31 (74%)	11/16 (69%)
FIRST INCIDENCE	505	662	727 (T)	554
STATISTICAL TESTS				
POLY 3	P=0.013N*	P=0.050*	P=0.175N	P=0.121N
POLY 1.5	P=0.010N**	P=0.058	P=0.144N	P=0.099N
POLY 6	P=0.021N*	P=0.040*	P=0.235N	P=0.170N
COCH-ARM / FISHERS	P=0.011N*	P=0.101	P=0.115N	P=0.080N
MAX-ISO-POLY-3	P=0.019N*	P=0.031*	P=0.132N	P=0.089N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	31/50 (62%)	30/50 (60%)	18/50 (36%)	11/50 (22%)
POLY-3 RATE (b)	31/46.43	30/46.19	18/44.58	11/42.54
POLY-3 PERCENT (g)	66.8%	65%	40.4%	25.9%
TERMINAL (d)	31/38 (82%)	28/37 (76%)	18/31 (58%)	9/16 (56%)
FIRST INCIDENCE	727 (T)	668	727 (T)	554
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.514N	P=0.007N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.532N	P=0.007N**	P<0.001N**
POLY 6	P<0.001N**	P=0.487N	P=0.008N**	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.500N	P=0.008N**	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.423N	P=0.004N**	P<0.001N**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Degeneration Cystic				
LESION RATES				
OVERALL (a)	4/50 (8%)	14/50 (28%)	10/50 (20%)	14/50 (28%)
POLY-3 RATE (b)	4/46.51	14/45.96	10/44.86	14/43.71
POLY-3 PERCENT (g)	8.6%	30.5%	22.3%	32%
TERMINAL (d)	3/38 (8%)	13/37 (35%)	8/31 (26%)	6/16 (38%)
FIRST INCIDENCE	708	704	660	602
STATISTICAL TESTS				
POLY 3	P=0.042*	P=0.007**	P=0.061	P=0.004**
POLY 1.5	P=0.052	P=0.007**	P=0.067	P=0.006**
POLY 6	P=0.028*	P=0.007**	P=0.054	P=0.003**
COCH-ARM / FISHERS	P=0.068	P=0.009**	P=0.074	P=0.009**
MAX-ISO-POLY-3	P=0.008**	P=0.003**	P=0.035*	P=0.002**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	14/50 (28%)	21/50 (42%)	19/50 (38%)	21/50 (42%)
POLY-3 RATE (b)	14/46.53	21/46.05	19/45.78	21/45.01
POLY-3 PERCENT (g)	30.1%	45.6%	41.5%	46.7%
TERMINAL (d)	13/38 (34%)	19/37 (51%)	13/31 (42%)	6/16 (38%)
FIRST INCIDENCE	701	704	588	581
STATISTICAL TESTS				
POLY 3	P=0.158	P=0.090	P=0.175	P=0.074
POLY 1.5	P=0.183	P=0.089	P=0.185	P=0.087
POLY 6	P=0.123	P=0.090	P=0.161	P=0.056
COCH-ARM / FISHERS	P=0.205	P=0.104	P=0.198	P=0.104
MAX-ISO-POLY-3	P=0.086	P=0.060	P=0.126	P=0.050*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Fatty Change Focal				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/46.43	0/45.87	0/44.58	0/41.86
POLY-3 PERCENT (g)	6.5%	0%	0%	0%
TERMINAL (d)	3/38 (8%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.147N	P=0.121N	P=0.126N	P=0.138N
POLY 1.5	P=0.145N	P=0.122N	P=0.123N	P=0.129N
POLY 6	P=0.151N	P=0.120N	P=0.132N	P=0.157N
COCH-ARM / FISHERS	P=0.149N	P=0.121N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.019N*	P=0.040N*	P=0.044N*	P=0.055N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	2/46.43	3/45.87	3/44.66	0/41.86
POLY-3 PERCENT (g)	4.3%	6.5%	6.7%	0%
TERMINAL (d)	2/38 (5%)	3/37 (8%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	706	---
STATISTICAL TESTS				
POLY 3	P=0.152N	P=0.494	P=0.482	P=0.261N
POLY 1.5	P=0.137N	P=0.493	P=0.490	P=0.249N
POLY 6	P=0.179N	P=0.496	P=0.470	P=0.282N
COCH-ARM / FISHERS	P=0.124N	P=0.500	P=0.500	P=0.247N
MAX-ISO-POLY-3	P=0.171N	P=0.320	P=0.312	P=0.098N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	44/50 (88%)	41/50 (82%)	30/50 (60%)	32/50 (64%)
POLY-3 RATE (b)	44/49.48	41/48.08	30/46.62	32/47.80
POLY-3 PERCENT (g)	88.9%	85.3%	64.4%	67%
TERMINAL (d)	35/38 (92%)	34/37 (92%)	23/31 (74%)	9/16 (56%)
FIRST INCIDENCE	505	449	534	505
STATISTICAL TESTS				
POLY 3	P=0.005N**	P=0.404N	P=0.002N**	P=0.006N**
POLY 1.5	P=0.004N**	P=0.387N	P=0.002N**	P=0.005N**
POLY 6	P=0.006N**	P=0.436N	P=0.004N**	P=0.008N**
COCH-ARM / FISHERS	P=0.007N**	P=0.288N	P<0.001N**	P=0.005N**
MAX-ISO-POLY-3	P=0.004N**	P=0.292N	P<0.001N**	P=0.003N**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	19/50 (38%)	32/50 (64%)	24/50 (48%)	17/50 (34%)
POLY-3 RATE (b)	19/46.92	32/45.96	24/44.58	17/43.44
POLY-3 PERCENT (g)	40.5%	69.6%	53.8%	39.1%
TERMINAL (d)	17/38 (45%)	31/37 (84%)	24/31 (77%)	10/16 (63%)
FIRST INCIDENCE	640	704	727 (T)	554
STATISTICAL TESTS				
POLY 3	P=0.087N	P=0.003**	P=0.138	P=0.533N
POLY 1.5	P=0.063N	P=0.004**	P=0.169	P=0.476N
POLY 6	P=0.153N	P=0.002**	P=0.095	P=0.540
COCH-ARM / FISHERS	P=0.053N	P=0.008**	P=0.210	P=0.418N
MAX-ISO-POLY-3	P=0.104N	P=0.002**	P=0.101	P=0.447N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Necrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	4/50 (8%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	1/46.53	4/46.20	6/46.10	7/43.37
POLY-3 PERCENT (g)	2.2%	8.7%	13%	16.1%
TERMINAL (d)	0/38 (0%)	2/37 (5%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	701	662	547	568
STATISTICAL TESTS				
POLY 3	P=0.038*	P=0.177	P=0.054	P=0.023*
POLY 1.5	P=0.045*	P=0.175	P=0.055	P=0.026*
POLY 6	P=0.028*	P=0.179	P=0.053	P=0.018*
COCH-ARM / FISHERS	P=0.053	P=0.181	P=0.056	P=0.030*
MAX-ISO-POLY-3	P=0.026*	P=0.083	P=0.023*	P=0.011*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Bile Duct Hyperplasia				
LESION RATES				
OVERALL (a)	32/50 (64%)	43/50 (86%)	46/50 (92%)	46/50 (92%)
POLY-3 RATE (b)	32/47.96	43/48.03	46/48.93	46/48.41
POLY-3 PERCENT (g)	66.7%	89.5%	94%	95%
TERMINAL (d)	26/38 (68%)	34/37 (92%)	29/31 (94%)	16/16 (100%)
FIRST INCIDENCE	533	449	485	554
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.005**	P<0.001**	P<0.001**
POLY 1.5	P=0.002**	P=0.004**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.005**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.005**	P=0.010**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.002**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Hepatocyte Fatty Change				
LESION RATES				
OVERALL (a)	27/50 (54%)	18/50 (36%)	23/50 (46%)	31/50 (62%)
POLY-3 RATE (b)	27/49.31	18/47.07	23/48.02	31/47.62
POLY-3 PERCENT (g)	54.8%	38.2%	47.9%	65.1%
TERMINAL (d)	19/38 (50%)	14/37 (38%)	12/31 (39%)	10/16 (63%)
FIRST INCIDENCE	505	519	534	505
STATISTICAL TESTS				
POLY 3	P=0.033*	P=0.076N	P=0.318N	P=0.200
POLY 1.5	P=0.039*	P=0.070N	P=0.300N	P=0.232
POLY 6	P=0.023*	P=0.083N	P=0.340N	P=0.153
COCH-ARM / FISHERS	P=0.044*	P=0.054N	P=0.274N	P=0.272
MAX-ISO-POLY-3	P=0.052	P=0.054N	P=0.252N	P=0.150

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Hepatocyte Hypertrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	17/50 (34%)	26/50 (52%)	27/50 (54%)
POLY-3 RATE (b)	1/46.43	17/46.19	26/45.81	27/46.93
POLY-3 PERCENT (g)	2.2%	36.8%	56.8%	57.5%
TERMINAL (d)	1/38 (3%)	15/37 (41%)	22/31 (71%)	8/16 (50%)
FIRST INCIDENCE	727 (T)	668	534	505
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Oval Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	10/50 (20%)
POLY-3 RATE (b)	0/46.43	1/45.92	1/44.71	10/43.64
POLY-3 PERCENT (g)	0%	2.2%	2.2%	22.9%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	1/16 (6%)
FIRST INCIDENCE	---	714	695	568
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.498	P=0.492	P<0.001**
POLY 1.5	P<0.001**	P=0.497	P=0.496	P<0.001**
POLY 6	P<0.001**	P=0.499	P=0.487	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.159	P=0.158	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	19/50 (38%)	14/50 (28%)	12/50 (24%)	8/50 (16%)
POLY-3 RATE (b)	19/47.27	14/46.12	12/45.43	8/42.46
POLY-3 PERCENT (g)	40.2%	30.4%	26.4%	18.8%
TERMINAL (d)	16/38 (42%)	13/37 (35%)	8/31 (26%)	3/16 (19%)
FIRST INCIDENCE	526	662	645	665
STATISTICAL TESTS				
POLY 3	P=0.029N*	P=0.218N	P=0.115N	P=0.021N*
POLY 1.5	P=0.021N*	P=0.218N	P=0.107N	P=0.015N*
POLY 6	P=0.049N*	P=0.217N	P=0.129N	P=0.037N*
COCH-ARM / FISHERS	P=0.016N*	P=0.198N	P=0.097N	P=0.012N*
MAX-ISO-POLY-3	P=0.027N*	P=0.162N	P=0.082N	P=0.016N*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.43	1/45.87	2/44.72	0/41.86
POLY-3 PERCENT (g)	2.2%	2.2%	4.5%	0%
TERMINAL (d)	1/38 (3%)	1/37 (3%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	692	---
STATISTICAL TESTS				
POLY 3	P=0.359N	P=0.758	P=0.487	P=0.521N
POLY 1.5	P=0.342N	P=0.757	P=0.493	P=0.511N
POLY 6	P=0.390N	P=0.759	P=0.478	P=0.538N
COCH-ARM / FISHERS	P=0.325N	P=0.753N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.312N	P=0.496	P=0.273	P=0.184N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.43	0/45.87	1/44.71	2/42.10
POLY-3 PERCENT (g)	0%	0%	2.2%	4.8%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	695	675
STATISTICAL TESTS				
POLY 3	P=0.077	(e)	P=0.492	P=0.216
POLY 1.5	P=0.084	(e)	P=0.496	P=0.226
POLY 6	P=0.067	(e)	P=0.487	P=0.199
COCH-ARM / FISHERS	P=0.090	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.080	(e)	P=0.158	P=0.076

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	8/50 (16%)	4/50 (8%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	8/46.43	4/45.96	2/44.88	5/42.25
POLY-3 PERCENT (g)	17.2%	8.7%	4.5%	11.8%
TERMINAL (d)	8/38 (21%)	3/37 (8%)	1/31 (3%)	3/16 (19%)
FIRST INCIDENCE	727 (T)	706	645	640
STATISTICAL TESTS				
POLY 3	P=0.473N	P=0.182N	P=0.051N	P=0.339N
POLY 1.5	P=0.448N	P=0.184N	P=0.048N*	P=0.308N
POLY 6	P=0.516N	P=0.178N	P=0.054N	P=0.395N
COCH-ARM / FISHERS	P=0.427N	P=0.178N	P=0.046N*	P=0.277N
MAX-ISO-POLY-3	P=0.146N	P=0.112N	P=0.026N*	P=0.247N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lymph Node: Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/2 (0%)	1/2 (50%)	1/9 (11%)	3/10 (30%)
POLY-3 RATE (b)	0/1.92	1/1.77	1/6.43	3/8.81
POLY-3 PERCENT (g)	0%	56.4%	15.5%	34.1%
TERMINAL (d)	0/1 (0%)	1/1 (100%)	1/2 (50%)	2/3 (67%)
FIRST INCIDENCE	---	727 (T)	727 (T)	689
STATISTICAL TESTS				
POLY 3	P=0.406	P=0.483	P=0.755	P=0.475
POLY 1.5	P=0.399	P=0.492	P=0.770	P=0.487
POLY 6	P=0.404	P=0.468	P=0.732	P=0.455
COCH-ARM / FISHERS	P=0.377	P=0.500	P=0.818	P=0.545
MAX-ISO-POLY-3	P=0.344	P=0.143	P=0.312	P=0.228

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Mammary Gland: Duct Cyst				
LESION RATES				
OVERALL (a)	12/50 (24%)	19/50 (38%)	13/50 (26%)	12/50 (24%)
POLY-3 RATE (b)	12/49.24	19/48.62	13/45.64	12/44.70
POLY-3 PERCENT (g)	24.4%	39.1%	28.5%	26.8%
TERMINAL (d)	5/38 (13%)	10/37 (27%)	9/31 (29%)	1/16 (6%)
FIRST INCIDENCE	505	449	617	568
STATISTICAL TESTS				
POLY 3	P=0.394N	P=0.088	P=0.413	P=0.485
POLY 1.5	P=0.337N	P=0.087	P=0.450	P=0.533
POLY 6	P=0.484N	P=0.091	P=0.366	P=0.414
COCH-ARM / FISHERS	P=0.279N	P=0.097	P=0.500	P=0.592N
MAX-ISO-POLY-3	P=0.374	P=0.059	P=0.331	P=0.395

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	2/4 (50%)	2/4 (50%)	5/8 (63%)	3/5 (60%)
POLY-3 RATE (b)	2/4.00	2/3.74	5/7.29	3/4.71
POLY-3 PERCENT (g)	50%	53.5%	68.6%	63.8%
TERMINAL (d)	2/4 (50%)	1/2 (50%)	3/4 (75%)	0/0 (0%)
FIRST INCIDENCE	727 (T)	706	645	505
STATISTICAL TESTS				
POLY 3	P=0.526	P=0.707	P=0.510	P=0.600
POLY 1.5	P=0.538	P=0.718	P=0.541	P=0.615
POLY 6	P=0.498	P=0.687	P=0.459	P=0.570
COCH-ARM / FISHERS	P=0.551	P=0.757N	P=0.576	P=0.643
MAX-ISO-POLY-3	P=0.509	P=0.466	P=0.296	P=0.357

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	11/50 (22%)	5/49 (10%)	9/49 (18%)	5/50 (10%)
POLY-3 RATE (b)	11/46.86	5/45.26	9/45.23	5/43.90
POLY-3 PERCENT (g)	23.5%	11.1%	19.9%	11.4%
TERMINAL (d)	9/38 (24%)	3/37 (8%)	5/31 (16%)	0/16 (0%)
FIRST INCIDENCE	640	657	485	510
STATISTICAL TESTS				
POLY 3	P=0.189N	P=0.096N	P=0.435N	P=0.107N
POLY 1.5	P=0.168N	P=0.098N	P=0.427N	P=0.095N
POLY 6	P=0.231N	P=0.094N	P=0.453N	P=0.133N
COCH-ARM / FISHERS	P=0.157N	P=0.093N	P=0.421N	P=0.086N
MAX-ISO-POLY-3	P=0.108N	P=0.059N	P=0.340N	P=0.070N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	33/50 (66%)	32/49 (65%)	38/49 (78%)	46/50 (92%)
POLY-3 RATE (b)	33/48.91	32/45.50	38/47.48	46/47.94
POLY-3 PERCENT (g)	67.5%	70.3%	80%	96%
TERMINAL (d)	24/38 (63%)	28/37 (76%)	24/31 (77%)	16/16 (100%)
FIRST INCIDENCE	505	657	485	510
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.469	P=0.116	P<0.001**
POLY 1.5	P<0.001**	P=0.506	P=0.129	P<0.001**
POLY 6	P<0.001**	P=0.420	P=0.103	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.555N	P=0.146	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.383	P=0.078	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Goblet Cell, Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	20/50 (40%)	18/49 (37%)	41/49 (84%)	34/50 (68%)
POLY-3 RATE (b)	20/47.77	18/45.08	41/46.26	34/46.07
POLY-3 PERCENT (g)	41.9%	39.9%	88.6%	73.8%
TERMINAL (d)	15/38 (40%)	16/37 (43%)	30/31 (97%)	16/16 (100%)
FIRST INCIDENCE	533	706	485	510
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.509N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.497N	P<0.001**	P=0.002**
POLY 6	P<0.001**	P=0.527N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P=0.449N	P<0.001**	P=0.004**
MAX-ISO-POLY-3	P<0.001**	P=0.425N	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Nerve, Olfactory Epithelium Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	17/49 (35%)	14/49 (29%)	23/50 (46%)
POLY-3 RATE (b)	0/46.43	17/45.19	14/44.73	23/43.14
POLY-3 PERCENT (g)	0%	37.6%	31.3%	53.3%
TERMINAL (d)	0/38 (0%)	15/37 (41%)	9/31 (29%)	14/16 (88%)
FIRST INCIDENCE	---	685	645	665
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	45/50 (90%)	43/49 (88%)	14/49 (29%)	0/50 (0%)
POLY-3 RATE (b)	45/47.97	43/47.59	14/47.07	0/41.86
POLY-3 PERCENT (g)	93.8%	90.4%	29.7%	0%
TERMINAL (d)	38/38 (100%)	34/37 (92%)	6/31 (19%)	0/16 (0%)
FIRST INCIDENCE	526	449	485	---
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.395N	P<0.001N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.488N	P<0.001N**	P<0.001N**
POLY 6	P<0.001N**	P=0.282N	P<0.001N**	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.486N	P<0.001N**	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.250N	P<0.001N**	P<0.001N**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Atrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	26/49 (53%)	37/49 (76%)	31/50 (62%)
POLY-3 RATE (b)	1/46.43	26/45.41	37/46.16	31/44.37
POLY-3 PERCENT (g)	2.2%	57.3%	80.2%	69.9%
TERMINAL (d)	1/38 (3%)	23/37 (62%)	26/31 (84%)	16/16 (100%)
FIRST INCIDENCE	727 (T)	668	534	600
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Pigmentation				
LESION RATES				
OVERALL (a)	0/50 (0%)	39/49 (80%)	42/49 (86%)	30/50 (60%)
POLY-3 RATE (b)	0/46.43	39/45.54	42/45.75	30/44.11
POLY-3 PERCENT (g)	0%	85.6%	91.8%	68%
TERMINAL (d)	0/38 (0%)	35/37 (95%)	31/31 (100%)	16/16 (100%)
FIRST INCIDENCE	---	657	588	600
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.005**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Regeneration				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/44.94	0/43.72	0/41.86
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Respiratory Metaplasia				
LESION RATES				
OVERALL (a)	9/50 (18%)	30/49 (61%)	40/49 (82%)	32/50 (64%)
POLY-3 RATE (b)	9/47.32	30/45.81	40/46.34	32/45.06
POLY-3 PERCENT (g)	19%	65.5%	86.3%	71%
TERMINAL (d)	5/38 (13%)	25/37 (68%)	28/31 (90%)	16/16 (100%)
FIRST INCIDENCE	640	643	485	554
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.003**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	14/50 (28%)	28/49 (57%)	45/49 (92%)	35/50 (70%)
POLY-3 RATE (b)	14/47.55	28/45.43	45/47.52	35/46.41
POLY-3 PERCENT (g)	29.4%	61.6%	94.7%	75.4%
TERMINAL (d)	10/38 (26%)	24/37 (65%)	31/31 (100%)	16/16 (100%)
FIRST INCIDENCE	533	657	485	510
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.003**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Submucosa Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	8/50 (16%)
POLY-3 RATE (b)	0/46.43	0/44.94	0/43.72	8/42.10
POLY-3 PERCENT (g)	0%	0%	0%	19%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	7/16 (44%)
FIRST INCIDENCE	---	---	---	665
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	(e)	P=0.002**
POLY 1.5	P<0.001**	(e)	(e)	P=0.003**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.003**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Transitional Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	18/49 (37%)	43/49 (88%)	31/50 (62%)
POLY-3 RATE (b)	2/46.57	18/44.99	43/46.34	31/44.90
POLY-3 PERCENT (g)	4.3%	40%	92.8%	69%
TERMINAL (d)	1/38 (3%)	17/37 (46%)	31/31 (100%)	15/16 (94%)
FIRST INCIDENCE	692	714	485	510
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pancreas: Acinus Atrophy				
LESION RATES				
OVERALL (a)	22/50 (44%)	23/50 (46%)	14/50 (28%)	20/50 (40%)
POLY-3 RATE (b)	22/46.89	23/46.91	14/46.31	20/44.71
POLY-3 PERCENT (g)	46.9%	49%	30.2%	44.7%
TERMINAL (d)	20/38 (53%)	17/37 (46%)	8/31 (26%)	7/16 (44%)
FIRST INCIDENCE	640	662	588	505
STATISTICAL TESTS				
POLY 3	P=0.460N	P=0.501	P=0.071N	P=0.500N
POLY 1.5	P=0.415N	P=0.483	P=0.071N	P=0.459N
POLY 6	P=0.542N	P=0.529	P=0.073N	P=0.576N
COCH-ARM / FISHERS	P=0.383N	P=0.500	P=0.072N	P=0.420N
MAX-ISO-POLY-3	P=0.252N	P=0.417	P=0.047N*	P=0.415N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pancreas: Acinus Hyperplasia				
LESION RATES				
OVERALL (a)	11/50 (22%)	7/50 (14%)	5/50 (10%)	12/50 (24%)
POLY-3 RATE (b)	11/47.14	7/45.87	5/45.43	12/43.66
POLY-3 PERCENT (g)	23.3%	15.3%	11%	27.5%
TERMINAL (d)	9/38 (24%)	7/37 (19%)	3/31 (10%)	3/16 (19%)
FIRST INCIDENCE	533	727 (T)	534	510
STATISTICAL TESTS				
POLY 3	P=0.179	P=0.235N	P=0.096N	P=0.416
POLY 1.5	P=0.202	P=0.234N	P=0.091N	P=0.456
POLY 6	P=0.145	P=0.237N	P=0.106N	P=0.350
COCH-ARM / FISHERS	P=0.223	P=0.218N	P=0.086N	P=0.500
MAX-ISO-POLY-3	P=0.164	P=0.166N	P=0.060N	P=0.330

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	3/50 (6%)	5/50 (10%)	10/50 (20%)	3/50 (6%)
POLY-3 RATE (b)	3/46.43	5/46.18	10/45.74	3/42.28
POLY-3 PERCENT (g)	6.5%	10.8%	21.9%	7.1%
TERMINAL (d)	3/38 (8%)	4/37 (11%)	5/31 (16%)	1/16 (6%)
FIRST INCIDENCE	727 (T)	643	617	658
STATISTICAL TESTS				
POLY 3	P=0.472N	P=0.354	P=0.032*	P=0.618
POLY 1.5	P=0.426N	P=0.350	P=0.033*	P=0.639
POLY 6	P=0.550N	P=0.358	P=0.030*	P=0.581
COCH-ARM / FISHERS	P=0.384N	P=0.357	P=0.036*	P=0.661N
MAX-ISO-POLY-3	P=0.198	P=0.230	P=0.016*	P=0.454

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Parathyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	1/47 (2%)	3/48 (6%)	2/48 (4%)	7/47 (15%)
POLY-3 RATE (b)	1/44.19	3/44.75	2/43.02	7/40.25
POLY-3 PERCENT (g)	2.3%	6.7%	4.7%	17.4%
TERMINAL (d)	0/36 (0%)	1/35 (3%)	1/30 (3%)	2/16 (13%)
FIRST INCIDENCE	692	519	679	581
STATISTICAL TESTS				
POLY 3	P=0.008**	P=0.310	P=0.491	P=0.021*
POLY 1.5	P=0.010**	P=0.308	P=0.498	P=0.025*
POLY 6	P=0.006**	P=0.312	P=0.480	P=0.015*
COCH-ARM / FISHERS	P=0.013*	P=0.316	P=0.508	P=0.029*
MAX-ISO-POLY-3	P=0.009**	P=0.158	P=0.276	P=0.010**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland				
Angiectasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/46.43	0/45.87	1/44.58	1/42.35
POLY-3 PERCENT (g)	0%	0%	2.2%	2.4%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	---	---	727 (T)	581
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland Cyst				
LESION RATES				
OVERALL (a)	5/50 (10%)	4/50 (8%)	7/50 (14%)	8/50 (16%)
POLY-3 RATE (b)	5/46.53	4/45.87	7/44.88	8/42.29
POLY-3 PERCENT (g)	10.7%	8.7%	15.6%	18.9%
TERMINAL (d)	4/38 (11%)	4/37 (11%)	4/31 (13%)	5/16 (31%)
FIRST INCIDENCE	701	727 (T)	689	673
STATISTICAL TESTS				
POLY 3	P=0.118	P=0.509N	P=0.354	P=0.215
POLY 1.5	P=0.142	P=0.511N	P=0.366	P=0.244
POLY 6	P=0.086	P=0.508N	P=0.336	P=0.171
COCH-ARM / FISHERS	P=0.165	P=0.500N	P=0.380	P=0.277
MAX-ISO-POLY-3	P=0.185	P=0.372N	P=0.251	P=0.148

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	19/50 (38%)	18/50 (36%)	18/50 (36%)	16/50 (32%)
POLY-3 RATE (b)	19/46.76	18/45.92	18/46.12	16/43.56
POLY-3 PERCENT (g)	40.6%	39.2%	39%	36.7%
TERMINAL (d)	16/38 (42%)	17/37 (46%)	11/31 (36%)	8/16 (50%)
FIRST INCIDENCE	692	714	534	554
STATISTICAL TESTS				
POLY 3	P=0.408N	P=0.528N	P=0.522N	P=0.434N
POLY 1.5	P=0.354N	P=0.529N	P=0.511N	P=0.386N
POLY 6	P=0.506N	P=0.531N	P=0.540N	P=0.525N
COCH-ARM / FISHERS	P=0.311N	P=0.500N	P=0.500N	P=0.338N
MAX-ISO-POLY-3	P=0.563N	P=0.442N	P=0.435N	P=0.354N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Preputial Gland Cyst				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.43	0/45.87	0/43.58	0/41.86
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/38 (5%)	0/37 (0%)	0/30 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.262N	P=0.240N	P=0.251N	P=0.261N
POLY 1.5	P=0.260N	P=0.241N	P=0.247N	P=0.249N
POLY 6	P=0.265N	P=0.239N	P=0.259N	P=0.282N
COCH-ARM / FISHERS	P=0.262N	P=0.247N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.055N	P=0.079N	P=0.089N	P=0.098N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Preputial Gland Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.57	1/45.87	0/43.58	0/41.86
POLY-3 PERCENT (g)	4.3%	2.2%	0%	0%
TERMINAL (d)	1/38 (3%)	1/37 (3%)	0/30 (0%)	0/16 (0%)
FIRST INCIDENCE	692	727 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.193N	P=0.505N	P=0.252N	P=0.262N
POLY 1.5	P=0.189N	P=0.506N	P=0.247N	P=0.250N
POLY 6	P=0.200N	P=0.505N	P=0.260N	P=0.283N
COCH-ARM / FISHERS	P=0.186N	P=0.500N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.113N	P=0.287N	P=0.089N	P=0.099N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Preputial Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	49/50 (98%)	48/50 (96%)	47/49 (96%)	49/50 (98%)
POLY-3 RATE (b)	49/50.00	48/49.00	47/48.30	49/49.93
POLY-3 PERCENT (g)	98%	98%	97.3%	98.1%
TERMINAL (d)	37/38 (97%)	36/37 (97%)	29/30 (97%)	16/16 (100%)
FIRST INCIDENCE	505	449	534	505
STATISTICAL TESTS				
POLY 3	P=0.642	P=0.756N	P=0.677N	P=0.752
POLY 1.5	P=0.641	P=0.755N	P=0.609N	P=0.756
POLY 6	P=0.629	P=0.756N	P=0.731N	P=0.743
COCH-ARM / FISHERS	P=0.520	P=0.500N	P=0.492N	P=0.753N
MAX-ISO-POLY-3	P=0.684	P=0.493N	P=0.407N	P=0.478

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Prostate Hyperplasia				
LESION RATES				
OVERALL (a)	6/50 (12%)	3/50 (6%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	6/47.20	3/46.04	3/44.58	4/41.91
POLY-3 PERCENT (g)	12.7%	6.5%	6.7%	9.6%
TERMINAL (d)	4/38 (11%)	2/37 (5%)	3/31 (10%)	3/16 (19%)
FIRST INCIDENCE	505	685	727 (T)	717
STATISTICAL TESTS				
POLY 3	P=0.544N	P=0.255N	P=0.271N	P=0.446N
POLY 1.5	P=0.514N	P=0.254N	P=0.258N	P=0.410N
POLY 6	P=0.581	P=0.254N	P=0.290N	P=0.508N
COCH-ARM / FISHERS	P=0.487N	P=0.243N	P=0.243N	P=0.370N
MAX-ISO-POLY-3	P=0.345N	P=0.159N	P=0.176N	P=0.328N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Prostate Inflammation				
LESION RATES				
OVERALL (a)	36/50 (72%)	27/50 (54%)	25/50 (50%)	32/50 (64%)
POLY-3 RATE (b)	36/49.76	27/48.67	25/47.42	32/47.88
POLY-3 PERCENT (g)	72.4%	55.5%	52.7%	66.8%
TERMINAL (d)	26/38 (68%)	17/37 (46%)	15/31 (48%)	8/16 (50%)
FIRST INCIDENCE	505	449	485	505
STATISTICAL TESTS				
POLY 3	P=0.454	P=0.061N	P=0.033N*	P=0.353N
POLY 1.5	P=0.497	P=0.061N	P=0.026N*	P=0.309N
POLY 6	P=0.382	P=0.060N	P=0.046N*	P=0.430N
COCH-ARM / FISHERS	P=0.522	P=0.048N*	P=0.020N*	P=0.260N
MAX-ISO-POLY-3	P=0.123N	P=0.040N*	P=0.023N*	P=0.279N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Seminal Vesicle Inflammation				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/46.89	3/46.34	2/45.00	4/43.38
POLY-3 PERCENT (g)	4.3%	6.5%	4.4%	9.2%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	640	662	664	505
STATISTICAL TESTS				
POLY 3	P=0.257	P=0.495	P=0.679	P=0.302
POLY 1.5	P=0.274	P=0.493	P=0.686	P=0.320
POLY 6	P=0.226	P=0.497	P=0.669	P=0.271
COCH-ARM / FISHERS	P=0.289	P=0.500	P=0.691N	P=0.339
MAX-ISO-POLY-3	P=0.282	P=0.320	P=0.483	P=0.183

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	3/50 (6%)	8/50 (16%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	3/47.21	8/46.12	4/45.73	6/43.80
POLY-3 PERCENT (g)	6.4%	17.4%	8.8%	13.7%
TERMINAL (d)	1/38 (3%)	6/37 (16%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	505	685	534	505
STATISTICAL TESTS				
POLY 3	P=0.375	P=0.091	P=0.483	P=0.206
POLY 1.5	P=0.402	P=0.092	P=0.490	P=0.223
POLY 6	P=0.331	P=0.091	P=0.472	P=0.179
COCH-ARM / FISHERS	P=0.430	P=0.100	P=0.500	P=0.243
MAX-ISO-POLY-3	P=0.236	P=0.050*	P=0.334	P=0.129

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	0/41.86
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen: Lymphoid Follicle Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)	14/50 (28%)
POLY-3 RATE (b)	2/46.67	1/46.04	4/45.01	14/45.69
POLY-3 PERCENT (g)	4.3%	2.2%	8.9%	30.6%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	692	685	662	505
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.505N	P=0.321	P<0.001**
POLY 1.5	P<0.001**	P=0.506N	P=0.328	P<0.001**
POLY 6	P<0.001**	P=0.504N	P=0.309	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.339	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.286N	P=0.192	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/50 (8%)	1/50 (2%)	6/50 (12%)	6/50 (12%)
POLY-3 RATE (b)	4/47.25	1/46.51	6/45.34	6/43.07
POLY-3 PERCENT (g)	8.5%	2.2%	13.2%	13.9%
TERMINAL (d)	1/38 (3%)	0/37 (0%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	526	519	645	602
STATISTICAL TESTS				
POLY 3	P=0.113	P=0.184N	P=0.344	P=0.313
POLY 1.5	P=0.131	P=0.184N	P=0.355	P=0.339
POLY 6	P=0.088	P=0.183N	P=0.328	P=0.271
COCH-ARM / FISHERS	P=0.149	P=0.181N	P=0.370	P=0.370
MAX-ISO-POLY-3	P=0.146	P=0.089N	P=0.236	P=0.216

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	2/46.52	0/45.87	4/44.79	4/42.68
POLY-3 PERCENT (g)	4.3%	0%	8.9%	9.4%
TERMINAL (d)	1/38 (3%)	0/37 (0%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	706	---	679	658
STATISTICAL TESTS				
POLY 3	P=0.105	P=0.240N	P=0.320	P=0.298
POLY 1.5	P=0.118	P=0.241N	P=0.328	P=0.317
POLY 6	P=0.086	P=0.240N	P=0.307	P=0.268
COCH-ARM / FISHERS	P=0.131	P=0.247N	P=0.339	P=0.339
MAX-ISO-POLY-3	P=0.125	P=0.079N	P=0.192	P=0.181

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	1/45.92	1/44.58	0/41.86
POLY-3 PERCENT (g)	0%	2.2%	2.2%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	---	714	727 (T)	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular Mineralization				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	6/50 (12%)
POLY-3 RATE (b)	1/46.57	1/46.12	1/44.77	6/43.26
POLY-3 PERCENT (g)	2.2%	2.2%	2.2%	13.9%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	692	662	679	602
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.758	P=0.752	P=0.045*
POLY 1.5	P=0.005**	P=0.757	P=0.756	P=0.050*
POLY 6	P=0.003**	P=0.760	P=0.745	P=0.037*
COCH-ARM / FISHERS	P=0.006**	P=0.753N	P=0.753N	P=0.056
MAX-ISO-POLY-3	P=0.007**	P=0.496	P=0.488	P=0.022*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/46.79	0/45.87	0/44.58	2/42.17
POLY-3 PERCENT (g)	4.3%	0%	0%	4.7%
TERMINAL (d)	1/38 (3%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	626	---	---	673
STATISTICAL TESTS				
POLY 3	P=0.355	P=0.242N	P=0.248N	P=0.656
POLY 1.5	P=0.365	P=0.242N	P=0.243N	P=0.674
POLY 6	P=0.337	P=0.242N	P=0.256N	P=0.624
COCH-ARM / FISHERS	P=0.373	P=0.247N	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.261	P=0.080N	P=0.087N	P=0.459

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular: Glands Ectasia				
LESION RATES				
OVERALL (a)	17/50 (34%)	30/50 (60%)	19/50 (38%)	12/50 (24%)
POLY-3 RATE (b)	17/47.33	30/46.24	19/45.71	12/43.67
POLY-3 PERCENT (g)	35.9%	64.9%	41.6%	27.5%
TERMINAL (d)	14/38 (37%)	27/37 (73%)	16/31 (52%)	8/16 (50%)
FIRST INCIDENCE	526	667	485	510
STATISTICAL TESTS				
POLY 3	P=0.016N*	P=0.003**	P=0.364	P=0.260N
POLY 1.5	P=0.011N*	P=0.004**	P=0.390	P=0.223N
POLY 6	P=0.034N*	P=0.003**	P=0.323	P=0.340N
COCH-ARM / FISHERS	P=0.010N**	P=0.008**	P=0.418	P=0.189N
MAX-ISO-POLY-3	P=0.022N*	P=0.002**	P=0.291	P=0.202N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular: Glands Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.43	2/45.87	0/44.58	1/42.52
POLY-3 PERCENT (g)	0%	4.4%	0%	2.4%
TERMINAL (d)	0/38 (0%)	2/37 (5%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	727 (T)	---	510
STATISTICAL TESTS				
POLY 3	P=0.592	P=0.234	(e)	P=0.482
POLY 1.5	P=0.604	P=0.234	(e)	P=0.491
POLY 6	P=0.569	P=0.235	(e)	P=0.467
COCH-ARM / FISHERS	P=0.617	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.334	P=0.076	(e)	P=0.158

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thymus Atrophy				
LESION RATES				
OVERALL (a)	47/47 (100%)	48/50 (96%)	46/47 (98%)	46/47 (98%)
POLY-3 RATE (b)	47/47.00	48/49.00	46/46.30	46/47.00
POLY-3 PERCENT (g)	100%	98%	99.4%	97.9%
TERMINAL (d)	38/38 (100%)	36/37 (97%)	29/29 (100%)	14/15 (93%)
FIRST INCIDENCE	505	449	534	505
STATISTICAL TESTS				
POLY 3	P=0.469N	P=0.508N	P=0.990N	P=0.500N
POLY 1.5	P=0.479N	P=0.507N	P=0.796N	P=0.500N
POLY 6	P=0.462N	P=0.508N	P=1.000N	P=0.500N
COCH-ARM / FISHERS	P=0.620N	P=0.263N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.264N	P=0.165N	P=0.161N	P=0.159N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	35/50 (70%)	29/50 (58%)	27/49 (55%)	24/45 (53%)
POLY-3 RATE (b)	35/48.34	29/47.42	27/45.52	24/40.47
POLY-3 PERCENT (g)	72.4%	61.2%	59.3%	59.3%
TERMINAL (d)	29/38 (76%)	24/37 (65%)	20/31 (65%)	15/16 (94%)
FIRST INCIDENCE	505	449	547	510
STATISTICAL TESTS				
POLY 3	P=0.209N	P=0.167N	P=0.125N	P=0.131N
POLY 1.5	P=0.157N	P=0.171N	P=0.108N	P=0.097N
POLY 6	P=0.329N	P=0.166N	P=0.155N	P=0.222N
COCH-ARM / FISHERS	P=0.125N	P=0.149N	P=0.093N	P=0.072N
MAX-ISO-POLY-3	P=0.176N	P=0.120N	P=0.090N	P=0.100N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicle Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	7/50 (14%)	9/49 (18%)	5/45 (11%)
POLY-3 RATE (b)	0/46.43	7/45.96	9/44.73	5/38.06
POLY-3 PERCENT (g)	0%	15.2%	20.1%	13.1%
TERMINAL (d)	0/38 (0%)	6/37 (16%)	4/31 (13%)	1/16 (6%)
FIRST INCIDENCE	---	704	645	668
STATISTICAL TESTS				
POLY 3	P=0.187	P=0.007**	P<0.001**	P=0.017*
POLY 1.5	P=0.221	P=0.007**	P<0.001**	P=0.019*
POLY 6	P=0.140	P=0.007**	P<0.001**	P=0.013*
COCH-ARM / FISHERS	P=0.263	P=0.006**	P<0.001**	P=0.021*
MAX-ISO-POLY-3	P=0.020*	P=0.002**	P<0.001**	P=0.008**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Hypertrophy				
LESION RATES				
OVERALL (a)	13/50 (26%)	37/50 (74%)	41/49 (84%)	41/45 (91%)
POLY-3 RATE (b)	13/46.57	37/47.82	41/47.14	41/43.92
POLY-3 PERCENT (g)	27.9%	77.4%	87%	93.3%
TERMINAL (d)	12/38 (32%)	33/37 (89%)	30/31 (97%)	16/16 (100%)
FIRST INCIDENCE	692	15	534	505
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Trachea				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/46.43	0/45.87	0/44.58	2/42.00
POLY-3 PERCENT (g)	2.2%	0%	0%	4.8%
TERMINAL (d)	1/38 (3%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	---	---	703
STATISTICAL TESTS				
POLY 3	P=0.172	P=0.502N	P=0.508N	P=0.465
POLY 1.5	P=0.180	P=0.503N	P=0.504N	P=0.482
POLY 6	P=0.160	P=0.502N	P=0.514N	P=0.436
COCH-ARM / FISHERS	P=0.186	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.131	P=0.162N	P=0.169N	P=0.261

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Urinary Bladder Inflammation Acute				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	2/42.62
POLY-3 PERCENT (g)	0%	0%	0%	4.7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	568
STATISTICAL TESTS				
POLY 3	P=0.037*	(e)	(e)	P=0.219
POLY 1.5	P=0.039*	(e)	(e)	P=0.227
POLY 6	P=0.034*	(e)	(e)	P=0.203
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.076

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Urinary Bladder Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/46.68	1/46.04	0/44.58	2/42.27
POLY-3 PERCENT (g)	4.3%	2.2%	0%	4.7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	692	685	---	658
STATISTICAL TESTS				
POLY 3	P=0.475	P=0.505N	P=0.248N	P=0.658
POLY 1.5	P=0.489	P=0.506N	P=0.243N	P=0.675
POLY 6	P=0.453	P=0.504N	P=0.256N	P=0.627
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.398	P=0.286N	P=0.086N	P=0.461

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Urinary Bladder Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	2/42.36
POLY-3 PERCENT (g)	0%	0%	0%	4.7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	658
STATISTICAL TESTS				
POLY 3	P=0.037*	(e)	(e)	P=0.217
POLY 1.5	P=0.039*	(e)	(e)	P=0.227
POLY 6	P=0.033*	(e)	(e)	P=0.202
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.076

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex Degeneration Cystic				
LESION RATES				
OVERALL (a)	12/50 (24%)	5/50 (10%)	7/50 (14%)	7/50 (14%)
POLY-3 RATE (b)	12/46.70	5/41.02	7/45.69	7/41.71
POLY-3 PERCENT (g)	25.7%	12.2%	15.3%	16.8%
TERMINAL (d)	9/37 (24%)	3/27 (11%)	7/37 (19%)	6/32 (19%)
FIRST INCIDENCE	454	660	728 (T)	618
STATISTICAL TESTS				
POLY 3	P=0.357N	P=0.091N	P=0.164N	P=0.224N
POLY 1.5	P=0.355N	P=0.075N	P=0.159N	P=0.205N
POLY 6	P=0.356N	P=0.112N	P=0.170N	P=0.244N
COCH-ARM / FISHERS	P=0.326N	P=0.054N	P=0.154N	P=0.154N
MAX-ISO-POLY-3	P=0.163N	P=0.065N	P=0.110N	P=0.168N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Hyperplasia Focal				
LESION RATES				
OVERALL (a)	12/50 (24%)	10/50 (20%)	13/50 (26%)	15/50 (30%)
POLY-3 RATE (b)	12/45.55	10/41.16	13/46.35	15/43.24
POLY-3 PERCENT (g)	26.3%	24.3%	28.1%	34.7%
TERMINAL (d)	11/37 (30%)	8/27 (30%)	10/37 (27%)	10/32 (31%)
FIRST INCIDENCE	698	644	644	566
STATISTICAL TESTS				
POLY 3	P=0.177	P=0.511N	P=0.520	P=0.266
POLY 1.5	P=0.171	P=0.472N	P=0.512	P=0.271
POLY 6	P=0.192	P=0.557N	P=0.531	P=0.269
COCH-ARM / FISHERS	P=0.196	P=0.405N	P=0.500	P=0.326
MAX-ISO-POLY-3	P=0.276	P=0.415N	P=0.426	P=0.202

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Hypertrophy Diffuse				
LESION RATES				
OVERALL (a)	3/50 (6%)	10/50 (20%)	7/50 (14%)	9/50 (18%)
POLY-3 RATE (b)	3/46.40	10/44.37	7/46.04	9/42.75
POLY-3 PERCENT (g)	6.5%	22.5%	15.2%	21.1%
TERMINAL (d)	1/37 (3%)	1/27 (4%)	5/37 (14%)	4/32 (13%)
FIRST INCIDENCE	551	383	664	566
STATISTICAL TESTS				
POLY 3	P=0.152	P=0.027*	P=0.154	P=0.042*
POLY 1.5	P=0.162	P=0.030*	P=0.156	P=0.046*
POLY 6	P=0.147	P=0.025*	P=0.151	P=0.040*
COCH-ARM / FISHERS	P=0.205	P=0.036*	P=0.159	P=0.061
MAX-ISO-POLY-3	P=0.057	P=0.015*	P=0.089	P=0.025*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Hypertrophy Focal				
LESION RATES				
OVERALL (a)	6/50 (12%)	2/50 (4%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	6/45.43	2/40.76	2/45.97	5/41.35
POLY-3 PERCENT (g)	13.2%	4.9%	4.4%	12.1%
TERMINAL (d)	6/37 (16%)	2/27 (7%)	1/37 (3%)	4/32 (13%)
FIRST INCIDENCE	728 (T)	728 (T)	652	723
STATISTICAL TESTS				
POLY 3	P=0.429	P=0.170N	P=0.129N	P=0.566N
POLY 1.5	P=0.429	P=0.156N	P=0.131N	P=0.550N
POLY 6	P=0.431	P=0.189N	P=0.127N	P=0.581N
COCH-ARM / FISHERS	P=0.445	P=0.134N	P=0.134N	P=0.500N
MAX-ISO-POLY-3	P=0.267N	P=0.104N	P=0.067N	P=0.440N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Vacuolization Cytoplasmic Diffuse				
LESION RATES				
OVERALL (a)	4/50 (8%)	5/50 (10%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	4/45.96	5/41.50	6/46.63	4/42.00
POLY-3 PERCENT (g)	8.7%	12.1%	12.9%	9.5%
TERMINAL (d)	2/37 (5%)	1/27 (4%)	2/37 (5%)	1/32 (3%)
FIRST INCIDENCE	653	629	580	618
STATISTICAL TESTS				
POLY 3	P=0.546N	P=0.436	P=0.379	P=0.593
POLY 1.5	P=0.538N	P=0.460	P=0.376	P=0.604
POLY 6	P=0.552N	P=0.410	P=0.382	P=0.582
COCH-ARM / FISHERS	P=0.500N	P=0.500	P=0.370	P=0.643N
MAX-ISO-POLY-3	P=0.543	P=0.314	P=0.262	P=0.448

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Cortex				
Vacuolization Cytoplasmic Focal				
LESION RATES				
OVERALL (a)	23/50 (46%)	14/50 (28%)	22/50 (44%)	21/50 (42%)
POLY-3 RATE (b)	23/46.63	14/41.17	22/46.59	21/42.56
POLY-3 PERCENT (g)	49.3%	34%	47.2%	49.3%
TERMINAL (d)	18/37 (49%)	11/27 (41%)	18/37 (49%)	17/32 (53%)
FIRST INCIDENCE	596	644	644	571
STATISTICAL TESTS				
POLY 3	P=0.331	P=0.104N	P=0.501N	P=0.584
POLY 1.5	P=0.337	P=0.077N	P=0.499N	P=0.545N
POLY 6	P=0.330	P=0.149N	P=0.509N	P=0.545
COCH-ARM / FISHERS	P=0.405	P=0.048N*	P=0.500N	P=0.420N
MAX-ISO-POLY-3	P=0.408	P=0.081N	P=0.417N	P=0.499

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	3/50 (6%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	3/45.88	3/41.48	5/45.69	2/41.32
POLY-3 PERCENT (g)	6.5%	7.2%	10.9%	4.8%
TERMINAL (d)	2/37 (5%)	2/27 (7%)	5/37 (14%)	2/32 (6%)
FIRST INCIDENCE	596	475	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.429N	P=0.615	P=0.354	P=0.547N
POLY 1.5	P=0.420N	P=0.633	P=0.356	P=0.535N
POLY 6	P=0.437N	P=0.592	P=0.350	P=0.560N
COCH-ARM / FISHERS	P=0.384N	P=0.661N	P=0.357	P=0.500N
MAX-ISO-POLY-3	P=0.455N	P=0.450	P=0.230	P=0.373N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Blood Vessel: Aorta				
Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	1/40.83	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	2.5%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	711	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Bone Marrow Hyperplasia				
LESION RATES				
OVERALL (a)	7/50 (14%)	11/50 (22%)	9/50 (18%)	12/50 (24%)
POLY-3 RATE (b)	7/45.75	11/43.75	9/47.47	12/42.80
POLY-3 PERCENT (g)	15.3%	25.1%	19%	28%
TERMINAL (d)	6/37 (16%)	4/27 (15%)	5/37 (14%)	7/32 (22%)
FIRST INCIDENCE	641	380	533	521
STATISTICAL TESTS				
POLY 3	P=0.158	P=0.184	P=0.424	P=0.114
POLY 1.5	P=0.165	P=0.195	P=0.411	P=0.120
POLY 6	P=0.154	P=0.174	P=0.438	P=0.109
COCH-ARM / FISHERS	P=0.205	P=0.218	P=0.393	P=0.154
MAX-ISO-POLY-3	P=0.130	P=0.128	P=0.323	P=0.077

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral Gland Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	3/45.43	4/40.77	3/45.69	2/41.32
POLY-3 PERCENT (g)	6.6%	9.8%	6.6%	4.8%
TERMINAL (d)	3/37 (8%)	3/27 (11%)	3/37 (8%)	2/32 (6%)
FIRST INCIDENCE	728 (T)	725	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.373N	P=0.441	P=0.660N	P=0.543N
POLY 1.5	P=0.366N	P=0.463	P=0.660N	P=0.533N
POLY 6	P=0.379N	P=0.415	P=0.660N	P=0.553N
COCH-ARM / FISHERS	P=0.337N	P=0.500	P=0.661N	P=0.500N
MAX-ISO-POLY-3	P=0.457N	P=0.304	P=0.496N	P=0.368N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	36/50 (72%)	39/50 (78%)	40/50 (80%)	38/50 (76%)
POLY-3 RATE (b)	36/48.53	39/46.48	40/48.90	38/44.90
POLY-3 PERCENT (g)	74.2%	83.9%	81.8%	84.6%
TERMINAL (d)	28/37 (76%)	22/27 (82%)	31/37 (84%)	28/32 (88%)
FIRST INCIDENCE	454	327	474	521
STATISTICAL TESTS				
POLY 3	P=0.220	P=0.172	P=0.249	P=0.151
POLY 1.5	P=0.265	P=0.214	P=0.244	P=0.196
POLY 6	P=0.187	P=0.149	P=0.260	P=0.122
COCH-ARM / FISHERS	P=0.500	P=0.322	P=0.241	P=0.410
MAX-ISO-POLY-3	P=0.161	P=0.118	P=0.178	P=0.105

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Eye Cataract				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/45.43	2/40.76	3/45.69	2/41.92
POLY-3 PERCENT (g)	0%	4.9%	6.6%	4.8%
TERMINAL (d)	0/37 (0%)	2/27 (7%)	3/37 (8%)	0/32 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	639
STATISTICAL TESTS				
POLY 3	P=0.351	P=0.214	P=0.120	P=0.220
POLY 1.5	P=0.356	P=0.222	P=0.120	P=0.223
POLY 6	P=0.349	P=0.204	P=0.119	P=0.217
COCH-ARM / FISHERS	P=0.384	P=0.247	P=0.121	P=0.247
MAX-ISO-POLY-3	P=0.156	P=0.075	P=0.039*	P=0.076

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Eye: Anterior Chamber Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Eye: Retina				
Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	2/40.76	1/45.69	0/41.32
POLY-3 PERCENT (g)	0%	4.9%	2.2%	0%
TERMINAL (d)	0/37 (0%)	2/27 (7%)	1/37 (3%)	0/32 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.417N	P=0.214	P=0.501	(e)
POLY 1.5	P=0.408N	P=0.222	P=0.501	(e)
POLY 6	P=0.427N	P=0.204	P=0.501	(e)
COCH-ARM / FISHERS	P=0.383N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.345	P=0.075	P=0.160	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Harderian Gland Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Harderian Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/50 (8%)	6/50 (12%)	8/50 (16%)	7/50 (14%)
POLY-3 RATE (b)	4/47.32	6/41.84	8/46.99	7/41.70
POLY-3 PERCENT (g)	8.5%	14.3%	17%	16.8%
TERMINAL (d)	1/37 (3%)	4/27 (15%)	5/37 (14%)	6/32 (19%)
FIRST INCIDENCE	454	380	474	622
STATISTICAL TESTS				
POLY 3	P=0.238	P=0.295	P=0.173	P=0.193
POLY 1.5	P=0.255	P=0.323	P=0.175	P=0.211
POLY 6	P=0.223	P=0.263	P=0.172	P=0.177
COCH-ARM / FISHERS	P=0.311	P=0.370	P=0.178	P=0.262
MAX-ISO-POLY-3	P=0.229	P=0.205	P=0.106	P=0.131

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	49/50 (98%)	46/50 (92%)	46/50 (92%)	48/50 (96%)
POLY-3 RATE (b)	49/49.94	46/47.93	46/48.72	48/49.24
POLY-3 PERCENT (g)	98.1%	96%	94.4%	97.5%
TERMINAL (d)	37/37 (100%)	26/27 (96%)	37/37 (100%)	31/32 (97%)
FIRST INCIDENCE	454	380	474	47
STATISTICAL TESTS				
POLY 3	P=0.591	P=0.488N	P=0.310N	P=0.690N
POLY 1.5	P=0.573	P=0.361N	P=0.238N	P=0.626N
POLY 6	P=0.626	P=0.588N	P=0.470N	P=0.728N
COCH-ARM / FISHERS	P=0.532	P=0.181N	P=0.181N	P=0.500N
MAX-ISO-POLY-3	P=0.416N	P=0.253N	P=0.139N	P=0.410N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Heart: Atrium Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	1/41.07	0/45.69	1/41.35
POLY-3 PERCENT (g)	0%	2.4%	0%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	644	---	723
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Heart: Myocardium Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	1/41.59
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	656
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Intestine Large, Cecum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	2/46.37	0/40.35
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	609	---
STATISTICAL TESTS				
POLY 3	P=0.699N	(e)	P=0.242	(e)
POLY 1.5	P=0.696N	(e)	P=0.240	(e)
POLY 6	P=0.701N	(e)	P=0.244	(e)
COCH-ARM / FISHERS	P=0.680N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.279	(e)	P=0.080	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Intestine Large, Colon				
Parasite Metazoan				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	3/45.43	2/41.18	2/46.18	0/40.35
POLY-3 PERCENT (g)	6.6%	4.9%	4.3%	0%
TERMINAL (d)	3/37 (8%)	0/27 (0%)	1/37 (3%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	609	582	---
STATISTICAL TESTS				
POLY 3	P=0.113N	P=0.545N	P=0.493N	P=0.141N
POLY 1.5	P=0.112N	P=0.528N	P=0.495N	P=0.137N
POLY 6	P=0.115N	P=0.563N	P=0.490N	P=0.146N
COCH-ARM / FISHERS	P=0.103N	P=0.500N	P=0.500N	P=0.125N
MAX-ISO-POLY-3	P=0.116N	P=0.370N	P=0.319N	P=0.056N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Intestine Large, Rectum Parasite Metazoan				
LESION RATES				
OVERALL (a)	8/50 (16%)	4/50 (8%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	8/45.43	4/40.76	3/45.93	6/41.35
POLY-3 PERCENT (g)	17.6%	9.8%	6.5%	14.5%
TERMINAL (d)	8/37 (22%)	4/27 (15%)	2/37 (5%)	5/32 (16%)
FIRST INCIDENCE	728 (T)	728 (T)	664	723
STATISTICAL TESTS				
POLY 3	P=0.569	P=0.232N	P=0.094N	P=0.461N
POLY 1.5	P=0.570	P=0.211N	P=0.096N	P=0.443N
POLY 6	P=0.569	P=0.260N	P=0.092N	P=0.478N
COCH-ARM / FISHERS	P=0.570N	P=0.178N	P=0.100N	P=0.387N
MAX-ISO-POLY-3	P=0.251N	P=0.161N	P=0.051N	P=0.354N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney Infarct				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	6/50 (12%)
POLY-3 RATE (b)	2/45.43	2/40.76	1/45.69	6/42.20
POLY-3 PERCENT (g)	4.4%	4.9%	2.2%	14.2%
TERMINAL (d)	2/37 (5%)	2/27 (7%)	1/37 (3%)	3/32 (9%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	639
STATISTICAL TESTS				
POLY 3	P=0.029*	P=0.654	P=0.498N	P=0.110
POLY 1.5	P=0.029*	P=0.669	P=0.499N	P=0.114
POLY 6	P=0.030*	P=0.636	P=0.498N	P=0.108
COCH-ARM / FISHERS	P=0.034*	P=0.691N	P=0.500N	P=0.134
MAX-ISO-POLY-3	P=0.041*	P=0.457	P=0.279N	P=0.061

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.43	0/40.76	1/45.69	0/41.32
POLY-3 PERCENT (g)	4.4%	0%	2.2%	0%
TERMINAL (d)	2/37 (5%)	0/27 (0%)	1/37 (3%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.272N	P=0.262N	P=0.498N	P=0.259N
POLY 1.5	P=0.275N	P=0.253N	P=0.499N	P=0.254N
POLY 6	P=0.267N	P=0.274N	P=0.498N	P=0.264N
COCH-ARM / FISHERS	P=0.276N	P=0.247N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.108N	P=0.099N	P=0.279N	P=0.097N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
CAS Number: 90045-36-6

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First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	41/50 (82%)	42/50 (84%)	43/50 (86%)	42/50 (84%)
POLY-3 RATE (b)	41/47.94	42/46.70	43/48.02	42/46.24
POLY-3 PERCENT (g)	85.5%	89.9%	89.6%	90.8%
TERMINAL (d)	34/37 (92%)	27/27 (100%)	35/37 (95%)	31/32 (97%)
FIRST INCIDENCE	454	380	580	449
STATISTICAL TESTS				
POLY 3	P=0.331	P=0.354	P=0.378	P=0.304
POLY 1.5	P=0.315	P=0.402	P=0.380	P=0.304
POLY 6	P=0.406	P=0.305	P=0.390	P=0.351
COCH-ARM / FISHERS	P=0.510	P=0.500	P=0.393	P=0.500
MAX-ISO-POLY-3	P=0.309	P=0.240	P=0.260	P=0.202

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney: Papilla Necrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Kidney: Renal Tubule Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	3/45.43	1/40.76	3/45.69	0/41.32
POLY-3 PERCENT (g)	6.6%	2.5%	6.6%	0%
TERMINAL (d)	3/37 (8%)	1/27 (4%)	3/37 (8%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.147N	P=0.345N	P=0.660N	P=0.136N
POLY 1.5	P=0.147N	P=0.330N	P=0.660N	P=0.132N
POLY 6	P=0.146N	P=0.363N	P=0.660N	P=0.141N
COCH-ARM / FISHERS	P=0.139N	P=0.309N	P=0.661N	P=0.121N
MAX-ISO-POLY-3	P=0.110N	P=0.194N	P=0.496N	P=0.053N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Ginkgo biloba extract
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 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	7/50 (14%)	2/50 (4%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	7/45.43	2/40.76	4/45.99	4/41.54
POLY-3 PERCENT (g)	15.4%	4.9%	8.7%	9.6%
TERMINAL (d)	7/37 (19%)	2/27 (7%)	2/37 (5%)	3/32 (9%)
FIRST INCIDENCE	728 (T)	728 (T)	655	672
STATISTICAL TESTS				
POLY 3	P=0.462N	P=0.107N	P=0.254N	P=0.314N
POLY 1.5	P=0.464N	P=0.096N	P=0.257N	P=0.302N
POLY 6	P=0.456N	P=0.121N	P=0.250N	P=0.324N
COCH-ARM / FISHERS	P=0.448N	P=0.080N	P=0.262N	P=0.262N
MAX-ISO-POLY-3	P=0.206N	P=0.064N	P=0.164N	P=0.221N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	48/50 (96%)	43/50 (86%)	44/50 (88%)	40/50 (80%)
POLY-3 RATE (b)	48/49.30	43/46.92	44/47.90	40/45.06
POLY-3 PERCENT (g)	97.4%	91.6%	91.9%	88.8%
TERMINAL (d)	37/37 (100%)	27/27 (100%)	37/37 (100%)	31/32 (97%)
FIRST INCIDENCE	454	383	533	449
STATISTICAL TESTS				
POLY 3	P=0.111N	P=0.177N	P=0.189N	P=0.075N
POLY 1.5	P=0.095N	P=0.134N	P=0.161N	P=0.053N
POLY 6	P=0.117N	P=0.233N	P=0.240N	P=0.099N
COCH-ARM / FISHERS	P=0.031N*	P=0.080N	P=0.134N	P=0.014N*
MAX-ISO-POLY-3	P=0.066N	P=0.077N	P=0.082N	P=0.033N*

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

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Ginkgo biloba extract
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 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	20/50 (40%)	7/50 (14%)	17/50 (34%)	11/50 (22%)
POLY-3 RATE (b)	20/45.71	7/41.22	17/45.76	11/42.29
POLY-3 PERCENT (g)	43.8%	17%	37.2%	26%
TERMINAL (d)	18/37 (49%)	4/27 (15%)	16/37 (43%)	10/32 (31%)
FIRST INCIDENCE	688	666	710	232
STATISTICAL TESTS				
POLY 3	P=0.205N	P=0.005N**	P=0.332N	P=0.061N
POLY 1.5	P=0.207N	P=0.004N**	P=0.334N	P=0.055N
POLY 6	P=0.205N	P=0.007N**	P=0.336N	P=0.069N
COCH-ARM / FISHERS	P=0.197N	P=0.003N**	P=0.339N	P=0.041N*
MAX-ISO-POLY-3	P=0.061N	P=0.004N**	P=0.258N	P=0.043N*

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

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 Ginkgo biloba extract
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Degeneration Cystic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/45.91	0/40.76	2/45.69	0/41.32
POLY-3 PERCENT (g)	2.2%	0%	4.4%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	2/37 (5%)	0/32 (0%)
FIRST INCIDENCE	587	---	728 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.452N	P=0.524N	P=0.498	P=0.521N
POLY 1.5	P=0.451N	P=0.515N	P=0.499	P=0.515N
POLY 6	P=0.451N	P=0.534N	P=0.496	P=0.527N
COCH-ARM / FISHERS	P=0.441N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.359N	P=0.187N	P=0.280	P=0.184N

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

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	24/50 (48%)	30/50 (60%)	38/50 (76%)	30/50 (60%)
POLY-3 RATE (b)	24/46.73	30/44.29	38/47.22	30/44.05
POLY-3 PERCENT (g)	51.4%	67.7%	80.5%	68.1%
TERMINAL (d)	20/37 (54%)	21/27 (78%)	32/37 (87%)	22/32 (69%)
FIRST INCIDENCE	498	380	533	449
STATISTICAL TESTS				
POLY 3	P=0.171	P=0.077	P<0.001**	P=0.073
POLY 1.5	P=0.185	P=0.100	P=0.002**	P=0.085
POLY 6	P=0.173	P=0.057	P<0.001**	P=0.069
COCH-ARM / FISHERS	P=0.308	P=0.158	P=0.004**	P=0.158
MAX-ISO-POLY-3	P=0.013*	P=0.054	P<0.001**	P=0.052

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

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Ginkgo biloba extract
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Fatty Change Focal				
LESION RATES				
OVERALL (a)	11/50 (22%)	25/50 (50%)	30/50 (60%)	25/50 (50%)
POLY-3 RATE (b)	11/46.18	25/43.27	30/47.19	25/42.44
POLY-3 PERCENT (g)	23.8%	57.8%	63.6%	58.9%
TERMINAL (d)	8/37 (22%)	17/27 (63%)	25/37 (68%)	20/32 (63%)
FIRST INCIDENCE	551	559	533	639
STATISTICAL TESTS				
POLY 3	P=0.013*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P=0.019*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P=0.010**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.059	P=0.003**	P<0.001**	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	6/50 (12%)	7/50 (14%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	6/45.43	7/42.84	1/45.69	3/41.96
POLY-3 PERCENT (g)	13.2%	16.3%	2.2%	7.2%
TERMINAL (d)	6/37 (16%)	2/27 (7%)	1/37 (3%)	2/32 (6%)
FIRST INCIDENCE	728 (T)	327	728 (T)	521
STATISTICAL TESTS				
POLY 3	P=0.167N	P=0.454	P=0.055N	P=0.282N
POLY 1.5	P=0.164N	P=0.471	P=0.055N	P=0.274N
POLY 6	P=0.170N	P=0.437	P=0.054N	P=0.290N
COCH-ARM / FISHERS	P=0.149N	P=0.500	P=0.056N	P=0.243N
MAX-ISO-POLY-3	P=0.097N	P=0.343	P=0.023N*	P=0.186N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	45/50 (90%)	41/50 (82%)	41/50 (82%)	42/50 (84%)
POLY-3 RATE (b)	45/49.66	41/48.96	41/48.81	42/48.98
POLY-3 PERCENT (g)	90.6%	83.7%	84%	85.8%
TERMINAL (d)	34/37 (92%)	22/27 (82%)	31/37 (84%)	26/32 (81%)
FIRST INCIDENCE	454	327	474	232
STATISTICAL TESTS				
POLY 3	P=0.454N	P=0.229N	P=0.241N	P=0.331N
POLY 1.5	P=0.487N	P=0.212N	P=0.219N	P=0.345N
POLY 6	P=0.397N	P=0.260N	P=0.272N	P=0.304N
COCH-ARM / FISHERS	P=0.421N	P=0.194N	P=0.194N	P=0.277N
MAX-ISO-POLY-3	P=0.303N	P=0.147N	P=0.157N	P=0.228N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	24/50 (48%)	12/50 (24%)	17/50 (34%)	10/50 (20%)
POLY-3 RATE (b)	24/46.81	12/41.88	17/46.18	10/41.98
POLY-3 PERCENT (g)	51.3%	28.7%	36.8%	23.8%
TERMINAL (d)	19/37 (51%)	8/27 (30%)	16/37 (43%)	8/32 (25%)
FIRST INCIDENCE	551	588	582	637
STATISTICAL TESTS				
POLY 3	P=0.021N*	P=0.022N*	P=0.112N	P=0.006N**
POLY 1.5	P=0.021N*	P=0.016N*	P=0.110N	P=0.004N**
POLY 6	P=0.021N*	P=0.032N*	P=0.120N	P=0.007N**
COCH-ARM / FISHERS	P=0.018N*	P=0.011N*	P=0.111N	P=0.003N**
MAX-ISO-POLY-3	P=0.007N**	P=0.017N*	P=0.078N	P=0.004N**

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

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Ginkgo biloba extract
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Necrosis				
LESION RATES				
OVERALL (a)	5/50 (10%)	2/50 (4%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	5/45.74	2/41.04	3/46.14	3/42.25
POLY-3 PERCENT (g)	10.9%	4.9%	6.5%	7.1%
TERMINAL (d)	3/37 (8%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	663	655	656	521
STATISTICAL TESTS				
POLY 3	P=0.481N	P=0.262N	P=0.352N	P=0.401N
POLY 1.5	P=0.484N	P=0.245N	P=0.354N	P=0.392N
POLY 6	P=0.476N	P=0.284N	P=0.350N	P=0.409N
COCH-ARM / FISHERS	P=0.471N	P=0.218N	P=0.357N	P=0.357N
MAX-ISO-POLY-3	P=0.338N	P=0.164N	P=0.228N	P=0.276N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Bile Duct Hyperplasia				
LESION RATES				
OVERALL (a)	11/50 (22%)	31/50 (62%)	31/50 (62%)	33/50 (66%)
POLY-3 RATE (b)	11/46.47	31/45.01	31/46.72	33/43.25
POLY-3 PERCENT (g)	23.7%	68.9%	66.4%	76.3%
TERMINAL (d)	7/37 (19%)	19/27 (70%)	27/37 (73%)	27/32 (84%)
FIRST INCIDENCE	454	327	609	571
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.002**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Hepatocyte Fatty Change				
LESION RATES				
OVERALL (a)	14/50 (28%)	7/50 (14%)	7/50 (14%)	9/50 (18%)
POLY-3 RATE (b)	14/47.61	7/42.80	7/46.86	9/43.22
POLY-3 PERCENT (g)	29.4%	16.4%	14.9%	20.8%
TERMINAL (d)	6/37 (16%)	1/27 (4%)	2/37 (5%)	3/32 (9%)
FIRST INCIDENCE	551	475	609	521
STATISTICAL TESTS				
POLY 3	P=0.389N	P=0.111N	P=0.073N	P=0.243N
POLY 1.5	P=0.386N	P=0.093N	P=0.071N	P=0.224N
POLY 6	P=0.389N	P=0.135N	P=0.077N	P=0.264N
COCH-ARM / FISHERS	P=0.355N	P=0.070N	P=0.070N	P=0.171N
MAX-ISO-POLY-3	P=0.138N	P=0.080N	P=0.045N*	P=0.186N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Hepatocyte Hypertrophy				
LESION RATES				
OVERALL (a)	7/50 (14%)	15/50 (30%)	27/50 (54%)	33/50 (66%)
POLY-3 RATE (b)	7/46.75	15/41.98	27/47.24	33/46.33
POLY-3 PERCENT (g)	15%	35.7%	57.2%	71.2%
TERMINAL (d)	4/37 (11%)	10/27 (37%)	22/37 (60%)	21/32 (66%)
FIRST INCIDENCE	454	560	533	232
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.020*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.027*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.014*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.045*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.014*	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver: Oval Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	7/50 (14%)	3/50 (6%)	11/50 (22%)	7/50 (14%)
POLY-3 RATE (b)	7/46.19	3/40.76	11/46.18	7/41.32
POLY-3 PERCENT (g)	15.2%	7.4%	23.8%	16.9%
TERMINAL (d)	6/37 (16%)	3/27 (11%)	10/37 (27%)	7/32 (22%)
FIRST INCIDENCE	454	728 (T)	580	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.352	P=0.213N	P=0.215	P=0.526
POLY 1.5	P=0.360	P=0.191N	P=0.216	P=0.548
POLY 6	P=0.346	P=0.239N	P=0.214	P=0.503
COCH-ARM / FISHERS	P=0.407	P=0.159N	P=0.218	P=0.613N
MAX-ISO-POLY-3	P=0.220	P=0.142N	P=0.146	P=0.413

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.43	1/40.76	0/45.69	1/41.32
POLY-3 PERCENT (g)	4.4%	2.5%	0%	2.4%
TERMINAL (d)	2/37 (5%)	1/27 (4%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	---	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.530N	P=0.538N	P=0.236N	P=0.533N
POLY 1.5	P=0.530N	P=0.524N	P=0.236N	P=0.525N
POLY 6	P=0.529N	P=0.554N	P=0.236N	P=0.541N
COCH-ARM / FISHERS	P=0.526N	P=0.500N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.275N	P=0.321N	P=0.076N	P=0.316N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	1/45.96	0/41.32
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	656	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	3/45.43	0/40.76	3/45.69	2/41.32
POLY-3 PERCENT (g)	6.6%	0%	6.6%	4.8%
TERMINAL (d)	3/37 (8%)	0/27 (0%)	3/37 (8%)	2/32 (6%)
FIRST INCIDENCE	728 (T)	---	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.579	P=0.139N	P=0.660N	P=0.543N
POLY 1.5	P=0.578	P=0.131N	P=0.660N	P=0.533N
POLY 6	P=0.583	P=0.149N	P=0.660N	P=0.553N
COCH-ARM / FISHERS	P=0.591	P=0.121N	P=0.661N	P=0.500N
MAX-ISO-POLY-3	P=0.458N	P=0.055N	P=0.496N	P=0.368N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lymph Node: Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/3 (0%)	0/3 (0%)	1/3 (33%)	3/4 (75%)
POLY-3 RATE (b)	0/2.94	0/1.41	1/3.00	3/4.00
POLY-3 PERCENT (g)	0%	0%	33.3%	75%
TERMINAL (d)	0/2 (0%)	0/0 (0%)	1/3 (33%)	2/3 (67%)
FIRST INCIDENCE	---	---	728 (T)	449
STATISTICAL TESTS				
POLY 3	P=0.028*	(e)	P=0.504	P=0.064
POLY 1.5	P=0.022*	(e)	P=0.502	P=0.062
POLY 6	P=0.035*	(e)	P=0.508	P=0.068
COCH-ARM / FISHERS	P=0.025*	(e)	P=0.500	P=0.114
MAX-ISO-POLY-3	P=0.020*	(e)	P=0.164	P=0.010**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Mammary Gland: Duct Cyst				
LESION RATES				
OVERALL (a)	14/50 (28%)	10/50 (20%)	8/50 (16%)	6/50 (12%)
POLY-3 RATE (b)	14/46.44	10/41.66	8/46.41	6/41.32
POLY-3 PERCENT (g)	30.2%	24%	17.2%	14.5%
TERMINAL (d)	10/37 (27%)	5/27 (19%)	6/37 (16%)	6/32 (19%)
FIRST INCIDENCE	596	644	609	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.067N	P=0.342N	P=0.110N	P=0.067N
POLY 1.5	P=0.063N	P=0.303N	P=0.111N	P=0.057N
POLY 6	P=0.073N	P=0.390N	P=0.111N	P=0.079N
COCH-ARM / FISHERS	P=0.051N	P=0.241N	P=0.114N	P=0.039N*
MAX-ISO-POLY-3	P=0.074N	P=0.270N	P=0.070N	P=0.047N*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	10/10 (100%)	2/2 (100%)	8/8 (100%)	11/11 (100%)
POLY-3 RATE (b)	10/10.00	2/2.00	8/8.00	11/11.00
POLY-3 PERCENT (g)	100%	100%	100%	100%
TERMINAL (d)	5/5 (100%)	1/1 (100%)	7/7 (100%)	9/9 (100%)
FIRST INCIDENCE	498	629	609	232
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/49 (2%)	1/50 (2%)	7/46 (15%)
POLY-3 RATE (b)	1/44.71	1/40.39	1/45.69	7/38.13
POLY-3 PERCENT (g)	2.2%	2.5%	2.2%	18.4%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	1/37 (3%)	6/32 (19%)
FIRST INCIDENCE	728 (T)	609	728 (T)	672
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.738	P=0.756N	P=0.016*
POLY 1.5	P<0.001**	P=0.746	P=0.756N	P=0.017*
POLY 6	P<0.001**	P=0.728	P=0.757N	P=0.015*
COCH-ARM / FISHERS	P<0.001**	P=0.753N	P=0.747N	P=0.024*
MAX-ISO-POLY-3	P<0.001**	P=0.471	P=0.493N	P=0.009**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	22/49 (45%)	16/49 (33%)	26/50 (52%)	38/46 (83%)
POLY-3 RATE (b)	22/44.83	16/41.07	26/46.70	38/41.10
POLY-3 PERCENT (g)	49.1%	39%	55.7%	92.5%
TERMINAL (d)	21/37 (57%)	12/27 (44%)	21/37 (57%)	32/32 (100%)
FIRST INCIDENCE	698	609	644	232
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.230N	P=0.334	P<0.001**
POLY 1.5	P<0.001**	P=0.199N	P=0.322	P<0.001**
POLY 6	P<0.001**	P=0.266N	P=0.352	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.150N	P=0.307	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.179N	P=0.264	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Goblet Cell, Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	6/49 (12%)	2/49 (4%)	18/50 (36%)	35/46 (76%)
POLY-3 RATE (b)	6/44.71	2/39.98	18/45.97	35/39.43
POLY-3 PERCENT (g)	13.4%	5%	39.2%	88.8%
TERMINAL (d)	6/37 (16%)	2/27 (7%)	17/37 (46%)	32/32 (100%)
FIRST INCIDENCE	728 (T)	728 (T)	652	449
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.171N	P=0.004**	P<0.001**
POLY 1.5	P<0.001**	P=0.156N	P=0.004**	P<0.001**
POLY 6	P<0.001**	P=0.190N	P=0.004**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.134N	P=0.005**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.105N	P=0.002**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Nerve, Olfactory Epithelium Atrophy				
LESION RATES				
OVERALL (a)	0/49 (0%)	15/49 (31%)	22/50 (44%)	33/46 (72%)
POLY-3 RATE (b)	0/44.71	15/40.23	22/45.69	33/39.43
POLY-3 PERCENT (g)	0%	37.3%	48.2%	83.7%
TERMINAL (d)	0/37 (0%)	14/27 (52%)	22/37 (60%)	30/32 (94%)
FIRST INCIDENCE	---	660	728 (T)	449
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	44/49 (90%)	39/49 (80%)	25/50 (50%)	0/46 (0%)
POLY-3 RATE (b)	44/47.58	39/44.38	25/48.06	0/37.92
POLY-3 PERCENT (g)	92.5%	87.9%	52%	0%
TERMINAL (d)	36/37 (97%)	26/27 (96%)	18/37 (49%)	0/32 (0%)
FIRST INCIDENCE	454	327	533	---
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.328N	P<0.001N**	P<0.001N**
POLY 1.5	P<0.001N**	P=0.231N	P<0.001N**	P<0.001N**
POLY 6	P<0.001N**	P=0.467N	P<0.001N**	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.131N	P<0.001N**	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.206N	P<0.001N**	P<0.001N**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Atrophy				
LESION RATES				
OVERALL (a)	0/49 (0%)	18/49 (37%)	25/50 (50%)	37/46 (80%)
POLY-3 RATE (b)	0/44.71	18/40.59	25/45.69	37/40.13
POLY-3 PERCENT (g)	0%	44.3%	54.7%	92.2%
TERMINAL (d)	0/37 (0%)	15/27 (56%)	25/37 (68%)	32/32 (100%)
FIRST INCIDENCE	---	660	728 (T)	449
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Pigmentation				
LESION RATES				
OVERALL (a)	0/49 (0%)	37/49 (76%)	43/50 (86%)	40/46 (87%)
POLY-3 RATE (b)	0/44.71	37/42.85	43/47.72	40/41.90
POLY-3 PERCENT (g)	0%	86.3%	90.1%	95.5%
TERMINAL (d)	0/37 (0%)	27/27 (100%)	37/37 (100%)	32/32 (100%)
FIRST INCIDENCE	---	475	474	232
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Regeneration				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	1/50 (2%)	2/46 (4%)
POLY-3 RATE (b)	0/44.71	0/39.98	1/45.69	2/37.92
POLY-3 PERCENT (g)	0%	0%	2.2%	5.3%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	1/37 (3%)	2/32 (6%)
FIRST INCIDENCE	---	---	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.072	(e)	P=0.504	P=0.202
POLY 1.5	P=0.073	(e)	P=0.504	P=0.207
POLY 6	P=0.071	(e)	P=0.503	P=0.198
COCH-ARM / FISHERS	P=0.079	(e)	P=0.505	P=0.232
MAX-ISO-POLY-3	P=0.073	(e)	P=0.163	P=0.072

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Olfactory Epithelium Respiratory Metaplasia				
LESION RATES				
OVERALL (a)	8/49 (16%)	4/49 (8%)	32/50 (64%)	37/46 (80%)
POLY-3 RATE (b)	8/44.83	4/39.98	32/46.45	37/40.28
POLY-3 PERCENT (g)	17.9%	10%	68.9%	91.9%
TERMINAL (d)	7/37 (19%)	4/27 (15%)	29/37 (78%)	32/32 (100%)
FIRST INCIDENCE	698	728 (T)	580	449
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.236N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.213N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.266N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.178N	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.164N	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	9/49 (18%)	9/49 (18%)	19/50 (38%)	34/46 (74%)
POLY-3 RATE (b)	9/44.71	9/40.39	19/45.97	34/39.43
POLY-3 PERCENT (g)	20.1%	22.3%	41.3%	86.2%
TERMINAL (d)	9/37 (24%)	8/27 (30%)	18/37 (49%)	31/32 (97%)
FIRST INCIDENCE	728 (T)	609	652	449
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.509	P=0.022*	P<0.001**
POLY 1.5	P<0.001**	P=0.544	P=0.023*	P<0.001**
POLY 6	P<0.001**	P=0.469	P=0.021*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.603N	P=0.025*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.407	P=0.013*	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Submucosa Fibrosis				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/44.71	0/39.98	0/45.69	0/37.92
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose: Transitional Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	6/49 (12%)	32/50 (64%)	36/46 (78%)
POLY-3 RATE (b)	0/44.71	6/40.33	32/45.97	36/40.06
POLY-3 PERCENT (g)	0%	14.9%	69.6%	89.9%
TERMINAL (d)	0/37 (0%)	5/27 (19%)	31/37 (84%)	32/32 (100%)
FIRST INCIDENCE	---	629	652	449
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.010**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.012*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.009**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.013*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.004**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Ovary Cyst				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	3/45.43	2/41.30	2/45.69	3/41.54
POLY-3 PERCENT (g)	6.6%	4.8%	4.4%	7.2%
TERMINAL (d)	3/37 (8%)	1/27 (4%)	2/37 (5%)	2/32 (6%)
FIRST INCIDENCE	728 (T)	560	728 (T)	672
STATISTICAL TESTS				
POLY 3	P=0.492	P=0.543N	P=0.497N	P=0.620
POLY 1.5	P=0.495	P=0.528N	P=0.498N	P=0.630
POLY 6	P=0.491	P=0.562N	P=0.498N	P=0.612
COCH-ARM / FISHERS	P=0.517	P=0.500N	P=0.500N	P=0.661N
MAX-ISO-POLY-3	P=0.562	P=0.368N	P=0.322N	P=0.456

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pancreas: Acinus Atrophy				
LESION RATES				
OVERALL (a)	17/50 (34%)	13/50 (26%)	12/50 (24%)	20/48 (42%)
POLY-3 RATE (b)	17/46.76	13/43.60	12/45.96	20/41.50
POLY-3 PERCENT (g)	36.4%	29.8%	26.1%	48.2%
TERMINAL (d)	15/37 (41%)	6/27 (22%)	11/37 (30%)	17/32 (53%)
FIRST INCIDENCE	454	383	655	566
STATISTICAL TESTS				
POLY 3	P=0.064	P=0.331N	P=0.199N	P=0.179
POLY 1.5	P=0.070	P=0.306N	P=0.195N	P=0.203
POLY 6	P=0.058	P=0.353N	P=0.202N	P=0.160
COCH-ARM / FISHERS	P=0.099	P=0.257N	P=0.189N	P=0.283
MAX-ISO-POLY-3	P=0.078	P=0.261N	P=0.144N	P=0.139

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pancreas: Acinus Hyperplasia				
LESION RATES				
OVERALL (a)	5/50 (10%)	0/50 (0%)	2/50 (4%)	0/48 (0%)
POLY-3 RATE (b)	5/45.43	0/40.76	2/45.69	0/40.30
POLY-3 PERCENT (g)	11%	0%	4.4%	0%
TERMINAL (d)	5/37 (14%)	0/27 (0%)	2/37 (5%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.066N	P=0.041N*	P=0.214N	P=0.042N*
POLY 1.5	P=0.069N	P=0.037N*	P=0.215N	P=0.040N*
POLY 6	P=0.063N	P=0.046N*	P=0.213N	P=0.044N*
COCH-ARM / FISHERS	P=0.074N	P=0.028N*	P=0.218N	P=0.031N*
MAX-ISO-POLY-3	P=0.010N**	P=0.018N*	P=0.118N	P=0.018N*

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	4/48 (8%)
POLY-3 RATE (b)	3/45.43	0/40.76	1/45.69	4/40.30
POLY-3 PERCENT (g)	6.6%	0%	2.2%	9.9%
TERMINAL (d)	3/37 (8%)	0/27 (0%)	1/37 (3%)	4/32 (13%)
FIRST INCIDENCE	728 (T)	---	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.130	P=0.139N	P=0.303N	P=0.435
POLY 1.5	P=0.128	P=0.131N	P=0.304N	P=0.446
POLY 6	P=0.132	P=0.149N	P=0.303N	P=0.422
COCH-ARM / FISHERS	P=0.131	P=0.121N	P=0.309N	P=0.477
MAX-ISO-POLY-3	P=0.118	P=0.055N	P=0.153N	P=0.298

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Parathyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	1/38 (3%)	0/47 (0%)	0/43 (0%)	0/35 (0%)
POLY-3 RATE (b)	1/35.13	0/38.17	0/39.45	0/28.72
POLY-3 PERCENT (g)	2.9%	0%	0%	0%
TERMINAL (d)	1/28 (4%)	0/25 (0%)	0/32 (0%)	0/21 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland				
Angiectasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	2/40.83	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	4.9%	0%	0%
TERMINAL (d)	0/37 (0%)	1/27 (4%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	7/11	---	---
STATISTICAL TESTS				
POLY 3	P=0.424N	P=0.214	(e)	(e)
POLY 1.5	P=0.414N	P=0.222	(e)	(e)
POLY 6	P=0.435N	P=0.204	(e)	(e)
COCH-ARM / FISHERS	P=0.392N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.270N	P=0.075	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland Cyst				
LESION RATES				
OVERALL (a)	26/50 (52%)	24/50 (48%)	29/50 (58%)	31/50 (62%)
POLY-3 RATE (b)	26/46.39	24/43.60	29/47.75	31/45.44
POLY-3 PERCENT (g)	56%	55.1%	60.7%	68.2%
TERMINAL (d)	24/37 (65%)	16/27 (59%)	24/37 (65%)	21/32 (66%)
FIRST INCIDENCE	498	380	533	449
STATISTICAL TESTS				
POLY 3	P=0.101	P=0.548N	P=0.399	P=0.156
POLY 1.5	P=0.088	P=0.505N	P=0.375	P=0.149
POLY 6	P=0.129	P=0.584N	P=0.433	P=0.183
COCH-ARM / FISHERS	P=0.118	P=0.421N	P=0.344	P=0.210
MAX-ISO-POLY-3	P=0.163	P=0.461N	P=0.322	P=0.111

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	11/50 (22%)	13/50 (26%)	18/50 (36%)	23/50 (46%)
POLY-3 RATE (b)	11/45.43	13/42.16	18/46.39	23/44.55
POLY-3 PERCENT (g)	24.2%	30.8%	38.8%	51.6%
TERMINAL (d)	11/37 (30%)	8/27 (30%)	14/37 (38%)	16/32 (50%)
FIRST INCIDENCE	728 (T)	560	652	449
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.324	P=0.098	P=0.005**
POLY 1.5	P=0.003**	P=0.352	P=0.095	P=0.005**
POLY 6	P=0.005**	P=0.299	P=0.103	P=0.006**
COCH-ARM / FISHERS	P=0.005**	P=0.408	P=0.093	P=0.010**
MAX-ISO-POLY-3	P=0.005**	P=0.251	P=0.066	P=0.003**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	14/50 (28%)	18/50 (36%)	13/50 (26%)	13/50 (26%)
POLY-3 RATE (b)	14/46.91	18/46.09	13/47.90	13/43.94
POLY-3 PERCENT (g)	29.9%	39.1%	27.1%	29.6%
TERMINAL (d)	11/37 (30%)	6/27 (22%)	6/37 (16%)	7/32 (22%)
FIRST INCIDENCE	454	380	533	521
STATISTICAL TESTS				
POLY 3	P=0.388N	P=0.236	P=0.474N	P=0.580N
POLY 1.5	P=0.378N	P=0.243	P=0.486N	P=0.569N
POLY 6	P=0.390N	P=0.230	P=0.457N	P=0.583N
COCH-ARM / FISHERS	P=0.309N	P=0.260	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.441N	P=0.176	P=0.385N	P=0.489N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/45.43	1/40.76	1/45.69	2/41.32
POLY-3 PERCENT (g)	2.2%	2.5%	2.2%	4.8%
TERMINAL (d)	1/37 (3%)	1/27 (4%)	1/37 (3%)	2/32 (6%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.345	P=0.736	P=0.759N	P=0.467
POLY 1.5	P=0.348	P=0.745	P=0.760N	P=0.475
POLY 6	P=0.342	P=0.725	P=0.760N	P=0.459
COCH-ARM / FISHERS	P=0.364	P=0.753N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.395	P=0.470	P=0.498N	P=0.262

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen: Lymphoid Follicle Atrophy				
LESION RATES				
OVERALL (a)	9/50 (18%)	6/50 (12%)	9/50 (18%)	5/50 (10%)
POLY-3 RATE (b)	9/47.57	6/42.43	9/46.87	5/41.71
POLY-3 PERCENT (g)	18.9%	14.1%	19.2%	12%
TERMINAL (d)	4/37 (11%)	2/27 (7%)	5/37 (14%)	4/32 (13%)
FIRST INCIDENCE	551	433	474	618
STATISTICAL TESTS				
POLY 3	P=0.281N	P=0.374N	P=0.589	P=0.273N
POLY 1.5	P=0.266N	P=0.340N	P=0.596	P=0.248N
POLY 6	P=0.298N	P=0.417N	P=0.576	P=0.303N
COCH-ARM / FISHERS	P=0.220N	P=0.288N	P=0.602N	P=0.194N
MAX-ISO-POLY-3	P=0.332N	P=0.284N	P=0.485	P=0.201N

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/45.88	1/41.07	1/45.80	1/41.71
POLY-3 PERCENT (g)	2.2%	2.4%	2.2%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	596	644	700	618
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/45.88	1/41.07	2/45.87	2/42.68
POLY-3 PERCENT (g)	2.2%	2.4%	4.4%	4.7%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	596	644	700	232
STATISTICAL TESTS				
POLY 3	P=0.382	P=0.735	P=0.500	P=0.475
POLY 1.5	P=0.384	P=0.745	P=0.500	P=0.481
POLY 6	P=0.380	P=0.724	P=0.499	P=0.468
COCH-ARM / FISHERS	P=0.395	P=0.753N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.429	P=0.469	P=0.280	P=0.267

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	2/41.07	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	4.9%	0%	0%
TERMINAL (d)	0/37 (0%)	1/27 (4%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	644	---	---
STATISTICAL TESTS				
POLY 3	P=0.423N	P=0.215	(e)	(e)
POLY 1.5	P=0.413N	P=0.223	(e)	(e)
POLY 6	P=0.433N	P=0.207	(e)	(e)
COCH-ARM / FISHERS	P=0.392N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.271N	P=0.075	(e)	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular Mineralization				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.43	2/42.02	0/45.69	1/41.32
POLY-3 PERCENT (g)	2.2%	4.8%	0%	2.4%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	475	---	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.597N	P=0.473	P=0.499N	P=0.739
POLY 1.5	P=0.592N	P=0.483	P=0.499N	P=0.744
POLY 6	P=0.602N	P=0.461	P=0.499N	P=0.734
COCH-ARM / FISHERS	P=0.577N	P=0.500	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.406N	P=0.266	P=0.159N	P=0.473

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	2/41.61	3/46.15	0/41.32
POLY-3 PERCENT (g)	0%	4.8%	6.5%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	560	652	---
STATISTICAL TESTS				
POLY 3	P=0.404N	P=0.218	P=0.122	(e)
POLY 1.5	P=0.394N	P=0.225	P=0.121	(e)
POLY 6	P=0.413N	P=0.211	P=0.123	(e)
COCH-ARM / FISHERS	P=0.364N	P=0.247	P=0.121	(e)
MAX-ISO-POLY-3	P=0.246	P=0.076	P=0.040*	(e)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular: Glands Ectasia				
LESION RATES				
OVERALL (a)	35/50 (70%)	37/50 (74%)	37/50 (74%)	36/50 (72%)
POLY-3 RATE (b)	35/46.74	37/46.69	37/47.60	36/44.58
POLY-3 PERCENT (g)	74.9%	79.3%	77.7%	80.8%
TERMINAL (d)	31/37 (84%)	25/27 (93%)	31/37 (84%)	30/32 (94%)
FIRST INCIDENCE	498	327	533	232
STATISTICAL TESTS				
POLY 3	P=0.345	P=0.393	P=0.465	P=0.325
POLY 1.5	P=0.388	P=0.401	P=0.440	P=0.364
POLY 6	P=0.303	P=0.370	P=0.506	P=0.284
COCH-ARM / FISHERS	P=0.548	P=0.412	P=0.412	P=0.500
MAX-ISO-POLY-3	P=0.393	P=0.297	P=0.367	P=0.241

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Stomach, Glandular: Glands Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.59	0/40.76	1/45.96	0/41.32
POLY-3 PERCENT (g)	2.2%	0%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	688	---	656	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thymus Atrophy				
LESION RATES				
OVERALL (a)	48/50 (96%)	47/48 (98%)	46/49 (94%)	47/48 (98%)
POLY-3 RATE (b)	48/49.68	47/47.65	46/49.00	47/47.00
POLY-3 PERCENT (g)	96.6%	98.7%	93.9%	100%
TERMINAL (d)	36/37 (97%)	26/26 (100%)	33/36 (92%)	30/30 (100%)
FIRST INCIDENCE	454	327	474	232
STATISTICAL TESTS				
POLY 3	P=0.272	P=0.503	P=0.433N	P=0.299
POLY 1.5	P=0.253	P=0.508	P=0.460N	P=0.278
POLY 6	P=0.314	P=0.497	P=0.392N	P=0.348
COCH-ARM / FISHERS	P=0.471	P=0.515	P=0.490N	P=0.515
MAX-ISO-POLY-3	P=0.214	P=0.238	P=0.259N	P=0.091

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	40/49 (82%)	38/50 (76%)	36/49 (73%)	21/49 (43%)
POLY-3 RATE (b)	40/47.26	38/45.59	36/46.94	21/40.61
POLY-3 PERCENT (g)	84.6%	83.4%	76.7%	51.7%
TERMINAL (d)	33/37 (89%)	26/27 (96%)	32/37 (87%)	21/32 (66%)
FIRST INCIDENCE	454	327	533	728 (T)
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.549N	P=0.227N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.462N	P=0.226N	P<0.001N**
POLY 6	P<0.001N**	P=0.610	P=0.241N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.331N	P=0.234N	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.428N	P=0.154N	P<0.001N**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicle Hyperplasia				
LESION RATES				
OVERALL (a)	3/49 (6%)	3/50 (6%)	1/49 (2%)	5/49 (10%)
POLY-3 RATE (b)	3/44.75	3/41.87	1/45.41	5/40.61
POLY-3 PERCENT (g)	6.7%	7.2%	2.2%	12.3%
TERMINAL (d)	3/37 (8%)	1/27 (4%)	1/37 (3%)	5/32 (16%)
FIRST INCIDENCE	728 (T)	433	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.184	P=0.632	P=0.300N	P=0.304
POLY 1.5	P=0.188	P=0.646	P=0.302N	P=0.317
POLY 6	P=0.180	P=0.613	P=0.300N	P=0.292
COCH-ARM / FISHERS	P=0.208	P=0.651N	P=0.309N	P=0.357
MAX-ISO-POLY-3	P=0.184	P=0.467	P=0.152N	P=0.200

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Hypertrophy				
LESION RATES				
OVERALL (a)	15/49 (31%)	41/50 (82%)	45/49 (92%)	48/49 (98%)
POLY-3 RATE (b)	15/44.75	41/46.47	45/48.32	48/48.05
POLY-3 PERCENT (g)	33.5%	88.2%	93.1%	99.9%
TERMINAL (d)	15/37 (41%)	24/27 (89%)	35/37 (95%)	32/32 (100%)
FIRST INCIDENCE	728 (T)	327	533	47
STATISTICAL TESTS				
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Trachea				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	0/40.76	1/45.69	1/41.32
POLY-3 PERCENT (g)	0%	0%	2.2%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	1/37 (3%)	1/32 (3%)
FIRST INCIDENCE	---	---	728 (T)	728 (T)
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Urinary Bladder Inflammation Acute				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/46.11	0/40.76	0/45.69	0/40.70
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	498	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Urinary Bladder Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/40.70
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/17/2011
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Urinary Bladder Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/40.70
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
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Date Report Requested: 01/17/2011
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 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Uterus Cyst				
LESION RATES				
OVERALL (a)	4/50 (8%)	0/50 (0%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	4/45.83	0/40.76	0/45.69	4/41.32
POLY-3 PERCENT (g)	8.7%	0%	0%	9.7%
TERMINAL (d)	3/37 (8%)	0/27 (0%)	0/37 (0%)	4/32 (13%)
FIRST INCIDENCE	614	---	---	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.215	P=0.077N	P=0.061N	P=0.585
POLY 1.5	P=0.212	P=0.070N	P=0.061N	P=0.600
POLY 6	P=0.220	P=0.085N	P=0.061N	P=0.569
COCH-ARM / FISHERS	P=0.216	P=0.059N	P=0.059N	P=0.643N
MAX-ISO-POLY-3	P=0.124	P=0.033N*	P=0.020N*	P=0.441

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
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Date Report Requested: 01/17/2011
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 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Uterus Inflammation				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	5/50 (10%)
POLY-3 RATE (b)	2/45.43	2/40.76	0/45.69	5/41.32
POLY-3 PERCENT (g)	4.4%	4.9%	0%	12.1%
TERMINAL (d)	2/37 (5%)	2/27 (7%)	0/37 (0%)	5/32 (16%)
FIRST INCIDENCE	728 (T)	728 (T)	---	728 (T)
STATISTICAL TESTS				
POLY 3	P=0.059	P=0.654	P=0.236N	P=0.179
POLY 1.5	P=0.061	P=0.669	P=0.236N	P=0.188
POLY 6	P=0.058	P=0.636	P=0.236N	P=0.170
COCH-ARM / FISHERS	P=0.069	P=0.691N	P=0.247N	P=0.218
MAX-ISO-POLY-3	P=0.054	P=0.457	P=0.076N	P=0.104

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Ginkgo biloba extract
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Uterus: Endometrium Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	3/50 (6%)	13/50 (26%)	11/50 (22%)	7/50 (14%)
POLY-3 RATE (b)	3/46.12	13/42.02	11/46.24	7/41.99
POLY-3 PERCENT (g)	6.5%	30.9%	23.8%	16.7%
TERMINAL (d)	1/37 (3%)	10/27 (37%)	9/37 (24%)	5/32 (16%)
FIRST INCIDENCE	551	560	644	622
STATISTICAL TESTS				
POLY 3	P=0.528	P=0.002**	P=0.019*	P=0.121
POLY 1.5	P=0.550	P=0.003**	P=0.020*	P=0.130
POLY 6	P=0.510	P=0.002**	P=0.019*	P=0.114
COCH-ARM / FISHERS	P=0.510N	P=0.006**	P=0.020*	P=0.159
MAX-ISO-POLY-3	P=0.037*	P=0.002**	P=0.009**	P=0.074

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

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***