

**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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**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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

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
<b>Adrenal Cortex Degeneration Cystic</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex Hyperplasia Focal</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex</b>				
<b>Hypertrophy Diffuse</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	3/50 (6%)	3/50 (6%)	5/50 (10%)	11/50 (22%)
<b>POLY-3 RATE (b)</b>	3/47.55	3/46.34	5/45.42	11/44.97
<b>POLY-3 PERCENT (g)</b>	6.3%	6.5%	11%	24.5%
<b>TERMINAL (d)</b>	0/38 (0%)	1/37 (3%)	0/31 (0%)	0/16 (0%)
<b>FIRST INCIDENCE</b>	526	643	626	510
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.002**	P=0.650	P=0.332	P=0.014*
<b>POLY 1.5</b>	P=0.002**	P=0.651	P=0.343	P=0.017*
<b>POLY 6</b>	P<0.001**	P=0.650	P=0.317	P=0.010**
<b>COCH-ARM / FISHERS</b>	P=0.003**	P=0.661N	P=0.357	P=0.020*
<b>MAX-ISO-POLY-3</b>	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
<b>Adrenal Cortex</b>				
<b>Hypertrophy Focal</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	7/50 (14%)	10/50 (20%)	9/50 (18%)	3/50 (6%)
<b>POLY-3 RATE (b)</b>	7/46.43	10/46.27	9/44.58	3/42.43
<b>POLY-3 PERCENT (g)</b>	15.1%	21.6%	20.2%	7.1%
<b>TERMINAL (d)</b>	7/38 (18%)	8/37 (22%)	9/31 (29%)	1/16 (6%)
<b>FIRST INCIDENCE</b>	727 (T)	643	727 (T)	581
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.082N	P=0.293	P=0.358	P=0.196N
<b>POLY 1.5</b>	P=0.067N	P=0.288	P=0.374	P=0.177N
<b>POLY 6</b>	P=0.115N	P=0.301	P=0.333	P=0.233N
<b>COCH-ARM / FISHERS</b>	P=0.055N	P=0.298	P=0.393	P=0.159N
<b>MAX-ISO-POLY-3</b>	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
<b>Adrenal Cortex Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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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**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
<b>Adrenal Cortex</b>				
Vacuolization Cytoplasmic Diffuse				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex</b>				
<b>Vacuolization Cytoplasmic Focal</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	17/50 (34%)	17/50 (34%)	16/50 (32%)	13/50 (26%)
<b>POLY-3 RATE (b)</b>	17/47.73	17/46.52	16/45.05	13/43.65
<b>POLY-3 PERCENT (g)</b>	35.6%	36.6%	35.5%	29.8%
<b>TERMINAL (d)</b>	14/38 (37%)	14/37 (38%)	14/31 (45%)	5/16 (31%)
<b>FIRST INCIDENCE</b>	526	643	617	600
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.283N	P=0.548	P=0.582N	P=0.355N
<b>POLY 1.5</b>	P=0.236N	P=0.550	P=0.545N	P=0.308N
<b>POLY 6</b>	P=0.370N	P=0.547	P=0.538	P=0.437N
<b>COCH-ARM / FISHERS</b>	P=0.196N	P=0.583N	P=0.500N	P=0.257N
<b>MAX-ISO-POLY-3</b>	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
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Blood Vessel: Aorta Mineralization</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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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**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
<b>Bone Marrow Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Epididymis</b>				
<b>Granuloma Sperm</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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)

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 Cataract				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Eye: Anterior Chamber Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Eye: Retina</b>				
<b>Atrophy</b>				
<b>LESION RATES</b>				
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)	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Harderian Gland Inflammation</b>				
<b>LESION RATES</b>				
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)	---	---
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Harderian Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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)

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

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DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg

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Heart: Atrium  
Thrombosis

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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

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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

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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
<b>Heart: Myocardium Mineralization</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Intestine Large, Cecum Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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)

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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
<b>Intestine Large, Colon</b>				
<b>Parasite Metazoan</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Intestine Large, Rectum Parasite Metazoan</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Kidney</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Kidney</b>				
<b>Nephropathy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Kidney: Papilla Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Kidney: Renal Tubule Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	31/50 (62%)	30/50 (60%)	18/50 (36%)	11/50 (22%)
<b>POLY-3 RATE (b)</b>	31/46.43	30/46.19	18/44.58	11/42.54
<b>POLY-3 PERCENT (g)</b>	66.8%	65%	40.4%	25.9%
<b>TERMINAL (d)</b>	31/38 (82%)	28/37 (76%)	18/31 (58%)	9/16 (56%)
<b>FIRST INCIDENCE</b>	727 (T)	668	727 (T)	554
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P<0.001N**	P=0.514N	P=0.007N**	P<0.001N**
<b>POLY 1.5</b>	P<0.001N**	P=0.532N	P=0.007N**	P<0.001N**
<b>POLY 6</b>	P<0.001N**	P=0.487N	P=0.008N**	P<0.001N**
<b>COCH-ARM / FISHERS</b>	P<0.001N**	P=0.500N	P=0.008N**	P<0.001N**
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Degeneration Cystic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Fatty Change Focal</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver</b>				
<b>Mixed Cell Focus</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	19/50 (38%)	32/50 (64%)	24/50 (48%)	17/50 (34%)
<b>POLY-3 RATE (b)</b>	19/46.92	32/45.96	24/44.58	17/43.44
<b>POLY-3 PERCENT (g)</b>	40.5%	69.6%	53.8%	39.1%
<b>TERMINAL (d)</b>	17/38 (45%)	31/37 (84%)	24/31 (77%)	10/16 (63%)
<b>FIRST INCIDENCE</b>	640	704	727 (T)	554
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.087N	P=0.003**	P=0.138	P=0.533N
<b>POLY 1.5</b>	P=0.063N	P=0.004**	P=0.169	P=0.476N
<b>POLY 6</b>	P=0.153N	P=0.002**	P=0.095	P=0.540
<b>COCH-ARM / FISHERS</b>	P=0.053N	P=0.008**	P=0.210	P=0.418N
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver: Bile Duct Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver: Hepatocyte Fatty Change</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver: Hepatocyte Hypertrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Liver: Oval Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Lung</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Lung Thrombosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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
<b>Lymph Node: Mediastinal Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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

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 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
<b>Nose</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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 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
<b>Nose: Goblet Cell, Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Nerve, Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Pigmentation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

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DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Nose: Olfactory Epithelium Regeneration</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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)

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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
<b>Nose: Olfactory Epithelium Respiratory Metaplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Submucosa Fibrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Transitional Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Pancreas: Acinus Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Pancreas: Acinus Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Pancreas: Duct Cyst</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Parathyroid Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Pituitary Gland</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
<b>POLY-3 RATE (b)</b>	0/46.43	0/45.87	1/44.58	1/42.35
<b>POLY-3 PERCENT (g)</b>	0%	0%	2.2%	2.4%
<b>TERMINAL (d)</b>	0/38 (0%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
<b>FIRST INCIDENCE</b>	---	---	727 (T)	581
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	(n)	(n)	(n)	(n)
<b>POLY 1.5</b>	(n)	(n)	(n)	(n)
<b>POLY 6</b>	(n)	(n)	(n)	(n)
<b>COCH-ARM / FISHERS</b>	(n)	(n)	(n)	(n)
<b>MAX-ISO-POLY-3</b>	(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
<b>Pituitary Gland Cyst</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Preputial Gland Cyst</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Preputial Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Preputial Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Prostate Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Prostate Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Seminal Vesicle Inflammation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	3/50 (6%)	8/50 (16%)	4/50 (8%)	6/50 (12%)
<b>POLY-3 RATE (b)</b>	3/47.21	8/46.12	4/45.73	6/43.80
<b>POLY-3 PERCENT (g)</b>	6.4%	17.4%	8.8%	13.7%
<b>TERMINAL (d)</b>	1/38 (3%)	6/37 (16%)	0/31 (0%)	0/16 (0%)
<b>FIRST INCIDENCE</b>	505	685	534	505
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.375	P=0.091	P=0.483	P=0.206
<b>POLY 1.5</b>	P=0.402	P=0.092	P=0.490	P=0.223
<b>POLY 6</b>	P=0.331	P=0.091	P=0.472	P=0.179
<b>COCH-ARM / FISHERS</b>	P=0.430	P=0.100	P=0.500	P=0.243
<b>MAX-ISO-POLY-3</b>	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
<b>Spleen Hyperplasia</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Spleen: Lymphoid Follicle Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Forestomach Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Stomach, Glandular Inflammation Chronic</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular Mineralization</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular Ulcer</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular: Glands Ectasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular: Glands Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Thymus Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: Follicle Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: Follicular Cell Hypertrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Trachea</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
<b>POLY-3 RATE (b)</b>	1/46.43	0/45.87	0/44.58	2/42.00
<b>POLY-3 PERCENT (g)</b>	2.2%	0%	0%	4.8%
<b>TERMINAL (d)</b>	1/38 (3%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
<b>FIRST INCIDENCE</b>	727 (T)	---	---	703
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.172	P=0.502N	P=0.508N	P=0.465
<b>POLY 1.5</b>	P=0.180	P=0.503N	P=0.504N	P=0.482
<b>POLY 6</b>	P=0.160	P=0.502N	P=0.514N	P=0.436
<b>COCH-ARM / FISHERS</b>	P=0.186	P=0.500N	P=0.500N	P=0.500
<b>MAX-ISO-POLY-3</b>	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
<b>Urinary Bladder Inflammation Acute</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Urinary Bladder Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Urinary Bladder Ulcer</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex Degeneration Cystic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex</b>				
<b>Hyperplasia Focal</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex</b>				
<b>Hypertrophy Diffuse</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	3/50 (6%)	10/50 (20%)	7/50 (14%)	9/50 (18%)
<b>POLY-3 RATE (b)</b>	3/46.40	10/44.37	7/46.04	9/42.75
<b>POLY-3 PERCENT (g)</b>	6.5%	22.5%	15.2%	21.1%
<b>TERMINAL (d)</b>	1/37 (3%)	1/27 (4%)	5/37 (14%)	4/32 (13%)
<b>FIRST INCIDENCE</b>	551	383	664	566
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.152	P=0.027*	P=0.154	P=0.042*
<b>POLY 1.5</b>	P=0.162	P=0.030*	P=0.156	P=0.046*
<b>POLY 6</b>	P=0.147	P=0.025*	P=0.151	P=0.040*
<b>COCH-ARM / FISHERS</b>	P=0.205	P=0.036*	P=0.159	P=0.061
<b>MAX-ISO-POLY-3</b>	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
<b>Adrenal Cortex</b>				
<b>Hypertrophy Focal</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	6/50 (12%)	2/50 (4%)	2/50 (4%)	5/50 (10%)
<b>POLY-3 RATE (b)</b>	6/45.43	2/40.76	2/45.97	5/41.35
<b>POLY-3 PERCENT (g)</b>	13.2%	4.9%	4.4%	12.1%
<b>TERMINAL (d)</b>	6/37 (16%)	2/27 (7%)	1/37 (3%)	4/32 (13%)
<b>FIRST INCIDENCE</b>	728 (T)	728 (T)	652	723
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.429	P=0.170N	P=0.129N	P=0.566N
<b>POLY 1.5</b>	P=0.429	P=0.156N	P=0.131N	P=0.550N
<b>POLY 6</b>	P=0.431	P=0.189N	P=0.127N	P=0.581N
<b>COCH-ARM / FISHERS</b>	P=0.445	P=0.134N	P=0.134N	P=0.500N
<b>MAX-ISO-POLY-3</b>	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
<b>Adrenal Cortex Necrosis</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex</b>				
Vacuolization Cytoplasmic Diffuse				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Adrenal Cortex</b>				
<b>Vacuolization Cytoplasmic Focal</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	23/50 (46%)	14/50 (28%)	22/50 (44%)	21/50 (42%)
<b>POLY-3 RATE (b)</b>	23/46.63	14/41.17	22/46.59	21/42.56
<b>POLY-3 PERCENT (g)</b>	49.3%	34%	47.2%	49.3%
<b>TERMINAL (d)</b>	18/37 (49%)	11/27 (41%)	18/37 (49%)	17/32 (53%)
<b>FIRST INCIDENCE</b>	596	644	644	571
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.331	P=0.104N	P=0.501N	P=0.584
<b>POLY 1.5</b>	P=0.337	P=0.077N	P=0.499N	P=0.545N
<b>POLY 6</b>	P=0.330	P=0.149N	P=0.509N	P=0.545
<b>COCH-ARM / FISHERS</b>	P=0.405	P=0.048N*	P=0.500N	P=0.420N
<b>MAX-ISO-POLY-3</b>	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
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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

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DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Blood Vessel: Aorta</b>				
<b>Mineralization</b>				
<hr/>				
<b>LESION RATES</b>				
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	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
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)

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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
<b>Bone Marrow Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Clitoral Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Clitoral Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Eye</b>				
<b>Cataract</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Eye: Anterior Chamber Inflammation</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Eye: Retina</b>				
<b>Atrophy</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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
<b>Harderian Gland Inflammation</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Harderian Gland Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	49/50 (98%)	46/50 (92%)	46/50 (92%)	48/50 (96%)
<b>POLY-3 RATE (b)</b>	49/49.94	46/47.93	46/48.72	48/49.24
<b>POLY-3 PERCENT (g)</b>	98.1%	96%	94.4%	97.5%
<b>TERMINAL (d)</b>	37/37 (100%)	26/27 (96%)	37/37 (100%)	31/32 (97%)
<b>FIRST INCIDENCE</b>	454	380	474	47
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.591	P=0.488N	P=0.310N	P=0.690N
<b>POLY 1.5</b>	P=0.573	P=0.361N	P=0.238N	P=0.626N
<b>POLY 6</b>	P=0.626	P=0.588N	P=0.470N	P=0.728N
<b>COCH-ARM / FISHERS</b>	P=0.532	P=0.181N	P=0.181N	P=0.500N
<b>MAX-ISO-POLY-3</b>	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
<b>Heart: Atrium Thrombosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Heart: Myocardium Mineralization</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Intestine Large, Cecum Inflammation Chronic</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Intestine Large, Colon</b>				
<b>Parasite Metazoan</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Intestine Large, Rectum Parasite Metazoan</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Kidney Infarct</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Kidney</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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

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
<b>Kidney</b>				
<b>Nephropathy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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  
CAS Number: 90045-36-6

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**

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DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Kidney: Papilla Necrosis</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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)

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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
<b>Kidney: Renal Tubule Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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  
 CAS Number: 90045-36-6

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

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
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

**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
<b>Liver</b>				
<b>Degeneration Cystic</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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

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
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

**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
<b>Liver</b>				
<b>Fatty Change Focal</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	11/50 (22%)	25/50 (50%)	30/50 (60%)	25/50 (50%)
<b>POLY-3 RATE (b)</b>	11/46.18	25/43.27	30/47.19	25/42.44
<b>POLY-3 PERCENT (g)</b>	23.8%	57.8%	63.6%	58.9%
<b>TERMINAL (d)</b>	8/37 (22%)	17/27 (63%)	25/37 (68%)	20/32 (63%)
<b>FIRST INCIDENCE</b>	551	559	533	639
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.013*	P<0.001**	P<0.001**	P<0.001**
<b>POLY 1.5</b>	P=0.019*	P<0.001**	P<0.001**	P<0.001**
<b>POLY 6</b>	P=0.010**	P<0.001**	P<0.001**	P<0.001**
<b>COCH-ARM / FISHERS</b>	P=0.059	P=0.003**	P<0.001**	P=0.003**
<b>MAX-ISO-POLY-3</b>	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
<b>Liver</b>				
<b>Hepatodiaphragmatic Nodule</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	6/50 (12%)	7/50 (14%)	1/50 (2%)	3/50 (6%)
<b>POLY-3 RATE (b)</b>	6/45.43	7/42.84	1/45.69	3/41.96
<b>POLY-3 PERCENT (g)</b>	13.2%	16.3%	2.2%	7.2%
<b>TERMINAL (d)</b>	6/37 (16%)	2/27 (7%)	1/37 (3%)	2/32 (6%)
<b>FIRST INCIDENCE</b>	728 (T)	327	728 (T)	521
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.167N	P=0.454	P=0.055N	P=0.282N
<b>POLY 1.5</b>	P=0.164N	P=0.471	P=0.055N	P=0.274N
<b>POLY 6</b>	P=0.170N	P=0.437	P=0.054N	P=0.290N
<b>COCH-ARM / FISHERS</b>	P=0.149N	P=0.500	P=0.056N	P=0.243N
<b>MAX-ISO-POLY-3</b>	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  
 CAS Number: 90045-36-6

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
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

Ginkgo biloba extract  
 CAS Number: 90045-36-6

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
<b>Liver</b>				
<b>Mixed Cell Focus</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

**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
<b>Liver</b>				
<b>Necrosis</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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**

Ginkgo biloba extract  
 CAS Number: 90045-36-6

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
<b>Liver: Bile Duct Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver: Hepatocyte Fatty Change</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver: Hepatocyte Hypertrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Liver: Oval Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Lung Inflammation Chronic</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Lung</b>				
<b>Metaplasia Osseous</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Lung Thrombosis</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Lymph Node: Mediastinal Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Mammary Gland: Duct Cyst</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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**

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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

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**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)

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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
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Goblet Cell, Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Nerve, Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Pigmentation</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Regeneration</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Olfactory Epithelium Respiratory Metaplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Submucosa Fibrosis</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Nose: Transitional Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Pancreas: Acinus Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Pancreas: Acinus Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---
<b>STATISTICAL TESTS</b>				
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
<b>Pancreas: Duct Cyst</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Parathyroid Gland Hyperplasia</b>				
<b>LESION RATES</b>				
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)	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Pituitary Gland</b>				
<b>Angiectasis</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Pituitary Gland Cyst</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
<b>OVERALL (a)</b>	14/50 (28%)	18/50 (36%)	13/50 (26%)	13/50 (26%)
<b>POLY-3 RATE (b)</b>	14/46.91	18/46.09	13/47.90	13/43.94
<b>POLY-3 PERCENT (g)</b>	29.9%	39.1%	27.1%	29.6%
<b>TERMINAL (d)</b>	11/37 (30%)	6/27 (22%)	6/37 (16%)	7/32 (22%)
<b>FIRST INCIDENCE</b>	454	380	533	521
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.388N	P=0.236	P=0.474N	P=0.580N
<b>POLY 1.5</b>	P=0.378N	P=0.243	P=0.486N	P=0.569N
<b>POLY 6</b>	P=0.390N	P=0.230	P=0.457N	P=0.583N
<b>COCH-ARM / FISHERS</b>	P=0.309N	P=0.260	P=0.500N	P=0.500N
<b>MAX-ISO-POLY-3</b>	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  
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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
<b>Spleen Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Spleen: Lymphoid Follicle Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Forestomach Inflammation Chronic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular Inflammation Chronic</b>				
<b>LESION RATES</b>				
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	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular Mineralization</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular Ulcer</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular: Glands Ectasia</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Stomach, Glandular: Glands Hyperplasia</b>				
<b>LESION RATES</b>				
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	---
<b>STATISTICAL TESTS</b>				
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
<b>Thymus Atrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: C-Cell Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: Follicle Hyperplasia</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Thyroid Gland: Follicular Cell Hypertrophy</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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
<b>Trachea</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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
<b>Urinary Bladder Inflammation Acute</b>				
<b>LESION RATES</b>				
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	---	---	---
<b>STATISTICAL TESTS</b>				
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
<b>Urinary Bladder Inflammation Chronic</b>				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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 Ulcer				
<b>LESION RATES</b>				
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	---	---	---	---
<b>STATISTICAL TESTS</b>				
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
Uterus Cyst				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/N

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
<b>Uterus Inflammation</b>				
<b>LESION RATES</b>				
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)
<b>STATISTICAL TESTS</b>				
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  
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 Route: GAVAGE  
 Species/Strain: RATS/F 344/N

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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
<b>Uterus: Endometrium Hyperplasia Cystic</b>				
<b>LESION RATES</b>				
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
<b>STATISTICAL TESTS</b>				
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

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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 \*\*\*