

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Ginkgo biloba extract
CAS Number: 90045-36-6

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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HISTORICAL CONTROL STUDIES
From March 2010 report

SAME ROUTE

88105-03 -- Isoeugenol (GAVAGE CORN OIL)
20007-05 -- Kava kava extract (GAVAGE CORN OIL)
99023-03 -- beta-Myrcene (GAVAGE CORN OIL)
99020-05 -- Pulegone (GAVAGE CORN OIL)

ALL ROUTES

99024-07 -- Androstenedione (GAVAGE METHYLCELLULOSE)
99037-05 -- alpha/beta Thujone mixture (GAVAGE METHYLCELLULOSE)
99028-05 -- bis(2-Chloroethoxy)methane (SKIN ETHANOL)
20011-05 -- 1-Bromopropane (INHALATION AIR)
99027-03 -- Chromium picolinate monohydrate (ORAL FEED)
05174-05 -- Cresols (ORAL FEED)
96011-05 -- Cumene (INHALATION AIR)
97003-07 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)
99017-05 -- Diethylamine (INHALATION AIR)
88123-05 -- Formamide (GAVAGE WATER)
20005-05 -- Ginseng (GAVAGE WATER)
99007-05 -- Goldenseal root powder (ORAL FEED)
95011-07 -- 5-(Hydroxymethyl)-2-furfural (GAVAGE WATER)
88105-03 -- Isoeugenol (GAVAGE CORN OIL)
20007-05 -- Kava kava extract (GAVAGE CORN OIL)
88006-03 -- alpha-Methylstyrene (INHALATION AIR)
20008-03 -- Milk thistle extract (ORAL FEED)
99023-03 -- beta-Myrcene (GAVAGE CORN OIL)
97008-05 -- Propargyl alcohol (INHALATION AIR)
99020-05 -- Pulegone (GAVAGE CORN OIL)
99032-03 -- Pyrogallol (SKIN ETHANOL)
20114-07 -- Sodium dichromate dihydrate (VI) (ORAL WATER)
93025-07 -- Tetralin (INHALATION AIR)

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HISTORICAL CONTROL STUDIES
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88133-07 -- Trimethylolpropane triacrylate (SKIN ACETONE)
96019-05 -- Water disinfection byproducts (Bromochloroacetic acid) (ORAL WATER)
96015-05 -- Water disinfection byproducts (Dibromoacetonitrile) (ORAL WATER)

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Medulla
Clitoral/Preputial Gland
Islets, Pancreatic
Liver
Lung
Nose
Pituitary Gland
Spleen
Testes
Thyroid Gland

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

MALE RATS

Organ

Adrenal Medulla
Clitoral/Preputial Gland
Liver
Pituitary Gland: Pars Distalis or Unspecified Site

Skin

Thyroid Gland: C-Cell

Thyroid Gland: Follicular Cell

All Organs

Morphology

Pheochromocytoma: Benign, Complex, Malignant, NOS
Adenoma
Hepatocellular Adenoma
Adenoma
Carcinoma or Adenoma
Fibrosarcoma
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma
Adenoma
Carcinoma or Adenoma
Adenoma
Carcinoma or Adenoma
Hemangiosarcoma
Hemangiosarcoma or Hemangioma
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated
Malignant Tumors

FEMALE RATS

Organ

Lung

Mammary Gland
Pituitary Gland: Pars Distalis or Unspecified Site

Uterus
All Organs

Morphology

Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Fibroadenoma
Adenoma
Carcinoma or Adenoma
Polyp Stromal
Benign Tumors
Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	11/50 (22%)	6/50 (12%)	5/50 (10%)	7/50 (14%)
POLY-3 RATE (b)	11/46.65	6/46.17	5/45.06	7/42.57
POLY-3 PERCENT (g)	23.6%	13%	11.1%	16.4%
TERMINAL (d)	9/38 (24%)	4/37 (11%)	3/31 (10%)	2/16 (13%)
FIRST INCIDENCE	699	662	662	668
HC TUMORS SAME ROUTE	29/199 (15%)			
HC TUMORS ALL ROUTES	183/1295 (14%)			
STATISTICAL TESTS				
POLY 3	P=0.423N	P=0.146N	P=0.095N	P=0.283N
POLY 1.5	P=0.388N	P=0.150N	P=0.090N	P=0.250N
POLY 6	P=0.481N	P=0.142N	P=0.104N	P=0.343N
COCH-ARM / FISHERS	P=0.359N	P=0.143N	P=0.086N	P=0.218N
MAX-ISO-POLY-3	P=0.174N	P=0.094N	P=0.059N	P=0.211N
HISTCONT SAME RTE	P=0.648	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.752	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.263			
CURR VS HC ALL RTES	P=0.178			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma Malignant				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.53	1/45.87	0/44.58	1/41.86
POLY-3 PERCENT (g)	4.3%	2.2%	0%	2.4%
TERMINAL (d)	1/38 (3%)	1/37 (3%)	0/31 (0%)	1/16 (6%)
FIRST INCIDENCE	701	727 (T)	---	727 (T)
HC TUMORS SAME ROUTE	5/199 (3%)			
HC TUMORS ALL ROUTES	24/1295 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.540N	P=0.505N	P=0.247N	P=0.537N
POLY 1.5	P=0.532N	P=0.506N	P=0.242N	P=0.519N
POLY 6	P=0.553N	P=0.504N	P=0.254N	P=0.567N
COCH-ARM / FISHERS	P=0.526N	P=0.500N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.284N	P=0.286N	P=0.085N	P=0.320N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=0.737	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.660			
CURR VS HC ALL RTEs	P=0.327			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	12/50 (24%)	7/50 (14%)	5/50 (10%)	9/50 (18%)
POLY-3 RATE (b)	12/46.65	7/46.17	5/45.06	9/42.64
POLY-3 PERCENT (g)	25.7%	15.2%	11.1%	21.1%
TERMINAL (d)	10/38 (26%)	5/37 (14%)	3/31 (10%)	3/16 (19%)
FIRST INCIDENCE	699	662	662	668
HC TUMORS SAME ROUTE	33/199 (17%)			
HC TUMORS ALL ROUTES	208/1295 (16%)			
STATISTICAL TESTS				
POLY 3	P=0.564	P=0.157N	P=0.060N	P=0.396N
POLY 1.5	P=0.533N	P=0.161N	P=0.057N	P=0.355N
POLY 6	P=0.501	P=0.153N	P=0.066N	P=0.469N
COCH-ARM / FISHERS	P=0.500N	P=0.154N	P=0.054N	P=0.312N
MAX-ISO-POLY-3	P=0.195N	P=0.104N	P=0.036N*	P=0.311N
HISTCONT SAME RTE	P=0.480	P=1.000	P=1.000	P=0.424
HISTCONT ALL RTES	P=0.544	P=1.000	P=1.000	P=0.379
CURR VS HC SAME RTE	P=0.309			
CURR VS HC ALL RTES	P=0.204			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Bone				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	2/44.66	0/41.86
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	---	---	706	---
HC TUMORS SAME ROUTE	4/199 (2%)			
HC TUMORS ALL ROUTES	16/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.708N	(e)	P=0.229	(e)
POLY 1.5	P=0.692N	(e)	P=0.233	(e)
POLY 6	P=0.721	(e)	P=0.222	(e)
COCH-ARM / FISHERS	P=0.675N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.266	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.668	(e)	P=0.302	(e)
HISTCONT ALL RTES	P=0.563	(e)	P=0.097	(e)
CURR VS HC SAME RTE	P=0.248			
CURR VS HC ALL RTES	P=0.283			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral/Preputial Gland Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	0/49 (0%)	3/50 (6%)
POLY-3 RATE (b)	4/46.43	3/46.12	0/43.58	3/42.77
POLY-3 PERCENT (g)	8.6%	6.5%	0%	7%
TERMINAL (d)	4/38 (11%)	2/37 (5%)	0/30 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	662	---	600
HC TUMORS SAME ROUTE	10/199 (5%)			
HC TUMORS ALL ROUTES	51/1295 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.573N	P=0.504N	P=0.069N	P=0.545N
POLY 1.5	P=0.560N	P=0.507N	P=0.066N	P=0.523N
POLY 6	P=0.596N	P=0.499N	P=0.073N	P=0.582N
COCH-ARM / FISHERS	P=0.549N	P=0.500N	P=0.061N	P=0.500N
MAX-ISO-POLY-3	P=0.254N	P=0.351N	P=0.025N*	P=0.392N
HISTCONT SAME RTE	P=0.544	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.471	P=0.385	P=1.000	P=0.339
CURR VS HC SAME RTE	P=0.488			
CURR VS HC ALL RTES	P=0.197			

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral/Preputial Gland Carcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.43	0/45.87	1/43.60	2/42.10
POLY-3 PERCENT (g)	0%	0%	2.3%	4.8%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/30 (0%)	1/16 (6%)
FIRST INCIDENCE	---	---	722	665
HC TUMORS SAME ROUTE	4/199 (2%)			
HC TUMORS ALL ROUTES	19/1295 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.077	(e)	P=0.487	P=0.216
POLY 1.5	P=0.084	(e)	P=0.491	P=0.226
POLY 6	P=0.067	(e)	P=0.481	P=0.199
COCH-ARM / FISHERS	P=0.091	(e)	P=0.495	P=0.247
MAX-ISO-POLY-3	P=0.081	(e)	P=0.157	P=0.076
HISTCONT SAME RTE	P=0.170	(e)	P=1.000	P=0.276
HISTCONT ALL RTES	P=0.131	(e)	P=1.000	P=0.108
CURR VS HC SAME RTE	P=0.237			
CURR VS HC ALL RTES	P=0.241			

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral/Preputial Gland Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	1/49 (2%)	5/50 (10%)
POLY-3 RATE (b)	4/46.43	3/46.12	1/43.60	5/43.01
POLY-3 PERCENT (g)	8.6%	6.5%	2.3%	11.6%
TERMINAL (d)	4/38 (11%)	2/37 (5%)	0/30 (0%)	1/16 (6%)
FIRST INCIDENCE	727 (T)	662	722	600
HC TUMORS SAME ROUTE	14/199 (7%)			
HC TUMORS ALL ROUTES	68/1295 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.274	P=0.504N	P=0.198N	P=0.452
POLY 1.5	P=0.290	P=0.507N	P=0.192N	P=0.475
POLY 6	P=0.247	P=0.499N	P=0.208N	P=0.412
COCH-ARM / FISHERS	P=0.305	P=0.500N	P=0.187N	P=0.500
MAX-ISO-POLY-3	P=0.256	P=0.351N	P=0.101N	P=0.325
HISTCONT SAME RTE	P=0.249	P=1.000	P=1.000	P=0.241
HISTCONT ALL RTES	P=0.189	P=1.000	P=1.000	P=0.083
CURR VS HC SAME RTE	P=0.854			
CURR VS HC ALL RTES	P=0.476			

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DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/46.79	2/45.87	1/44.58	1/42.01
POLY-3 PERCENT (g)	8.6%	4.4%	2.2%	2.4%
TERMINAL (d)	3/38 (8%)	2/37 (5%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	626	727 (T)	727 (T)	689
HC TUMORS SAME ROUTE	12/199 (6%)			
HC TUMORS ALL ROUTES	92/1296 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.211N	P=0.346N	P=0.194N	P=0.213N
POLY 1.5	P=0.200N	P=0.347N	P=0.187N	P=0.196N
POLY 6	P=0.232N	P=0.347N	P=0.205N	P=0.244N
COCH-ARM / FISHERS	P=0.190N	P=0.339N	P=0.181N	P=0.181N
MAX-ISO-POLY-3	P=0.146N	P=0.210N	P=0.098N	P=0.116N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.642			
CURR VS HC ALL RTES	P=0.945			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	4/46.79	2/45.87	2/44.60	2/42.48
POLY-3 PERCENT (g)	8.6%	4.4%	4.5%	4.7%
TERMINAL (d)	3/38 (8%)	2/37 (5%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	626	727 (T)	722	591
HC TUMORS SAME ROUTE	13/199 (7%)			
HC TUMORS ALL ROUTES	117/1296 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.421N	P=0.346N	P=0.360N	P=0.383N
POLY 1.5	P=0.402N	P=0.347N	P=0.349N	P=0.361N
POLY 6	P=0.453N	P=0.347N	P=0.376N	P=0.422N
COCH-ARM / FISHERS	P=0.386N	P=0.339N	P=0.339N	P=0.339N
MAX-ISO-POLY-3	P=0.352N	P=0.210N	P=0.224N	P=0.247N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.759			
CURR VS HC ALL RTEs	P=0.665			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	3/45.92	3/44.72	0/41.86
POLY-3 PERCENT (g)	0%	6.5%	6.7%	0%
TERMINAL (d)	0/38 (0%)	2/37 (5%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	---	714	692	---
HC TUMORS SAME ROUTE	3/199 (2%)			
HC TUMORS ALL ROUTES	15/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.325N	P=0.117	P=0.112	(e)
POLY 1.5	P=0.302N	P=0.116	P=0.115	(e)
POLY 6	P=0.368N	P=0.117	P=0.107	(e)
COCH-ARM / FISHERS	P=0.280N	P=0.121	P=0.121	(e)
MAX-ISO-POLY-3	P=0.214	P=0.038*	P=0.038*	(e)
HISTCONT SAME RTE	P=0.345	P=0.047*	P=0.046*	(e)
HISTCONT ALL RTES	P=0.183	P=0.003**	P=0.002**	(e)
CURR VS HC SAME RTE	P=0.307			
CURR VS HC ALL RTES	P=0.295			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/46.75	1/45.87	1/44.58	2/42.30
POLY-3 PERCENT (g)	2.1%	2.2%	2.2%	4.7%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	1/31 (3%)	1/16 (6%)
FIRST INCIDENCE	640	727 (T)	727 (T)	602
HC TUMORS SAME ROUTE	8/199 (4%)			
HC TUMORS ALL ROUTES	31/1298 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.332	P=0.756	P=0.750	P=0.465
POLY 1.5	P=0.349	P=0.756	P=0.755	P=0.482
POLY 6	P=0.304	P=0.756	P=0.742	P=0.436
COCH-ARM / FISHERS	P=0.364	P=0.753N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.393	P=0.494	P=0.486	P=0.262
HISTCONT SAME RTE	P=0.611	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	P=0.442	P=1.000	P=1.000	P=0.371
CURR VS HC SAME RTE	P=0.475			
CURR VS HC ALL RTEs	P=0.782			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/46.75	1/45.87	2/44.58	2/42.30
POLY-3 PERCENT (g)	2.1%	2.2%	4.5%	4.7%
TERMINAL (d)	0/38 (0%)	1/37 (3%)	2/31 (7%)	1/16 (6%)
FIRST INCIDENCE	640	727 (T)	727 (T)	602
HC TUMORS SAME ROUTE	10/199 (5%)			
HC TUMORS ALL ROUTES	49/1298 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.354	P=0.756	P=0.483	P=0.465
POLY 1.5	P=0.376	P=0.756	P=0.491	P=0.482
POLY 6	P=0.319	P=0.756	P=0.471	P=0.436
COCH-ARM / FISHERS	P=0.395	P=0.753N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.422	P=0.494	P=0.271	P=0.262
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=0.730	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.315			
CURR VS HC ALL RTEs	P=0.443			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/46.43	1/45.96	3/45.03	1/42.10
POLY-3 PERCENT (g)	4.3%	2.2%	6.7%	2.4%
TERMINAL (d)	2/38 (5%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	706	626	665
HC TUMORS SAME ROUTE	5/199 (3%)			
HC TUMORS ALL ROUTES	41/1298 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.504N	P=0.504N	P=0.486	P=0.534N
POLY 1.5	P=0.481N	P=0.505N	P=0.492	P=0.518N
POLY 6	P=0.543N	P=0.502N	P=0.476	P=0.562N
COCH-ARM / FISHERS	P=0.461N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.517N	P=0.284N	P=0.314	P=0.318N
HISTCONT SAME RTE	P=0.531	P=1.000	P=0.239	P=1.000
HISTCONT ALL RTES	P=0.641	P=1.000	P=0.210	P=1.000
CURR VS HC SAME RTE	P=0.677			
CURR VS HC ALL RTES	P=0.821			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/44.94	0/43.72	0/41.86
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/199 (0%)			
HC TUMORS ALL ROUTES	0/1297 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	38/50 (76%)	30/50 (60%)	25/50 (50%)	19/50 (38%)
POLY-3 RATE (b)	38/49.76	30/48.58	25/46.74	19/45.35
POLY-3 PERCENT (g)	76.4%	61.8%	53.5%	41.9%
TERMINAL (d)	28/38 (74%)	21/37 (57%)	18/31 (58%)	3/16 (19%)
FIRST INCIDENCE	505	449	534	568
HC TUMORS SAME ROUTE	57/199 (29%)			
HC TUMORS ALL ROUTES	604/1293 (47%)			
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.087N	P=0.013N*	P<0.001N**
POLY 1.5	P<0.001N**	P=0.086N	P=0.009N**	P<0.001N**
POLY 6	P=0.002N**	P=0.088N	P=0.021N*	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.066N	P=0.006N**	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.059N	P=0.009N**	P<0.001N**
HISTCONT SAME RTE	P=0.214	P=0.025*	P=0.058	P=0.209
HISTCONT ALL RTES	P=0.750	P=0.231	P=0.460	P=1.000
CURR VS HC SAME RTE	P<0.001**			
CURR VS HC ALL RTES	P<0.001**			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	1/42.52
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	---	---	---	510
HC TUMORS SAME ROUTE	0/199 (0%)			
HC TUMORS ALL ROUTES	1/1293 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	38/50 (76%)	30/50 (60%)	25/50 (50%)	20/50 (40%)
POLY-3 RATE (b)	38/49.76	30/48.58	25/46.74	20/46.00
POLY-3 PERCENT (g)	76.4%	61.8%	53.5%	43.5%
TERMINAL (d)	28/38 (74%)	21/37 (57%)	18/31 (58%)	3/16 (19%)
FIRST INCIDENCE	505	449	534	510
HC TUMORS SAME ROUTE	57/199 (29%)			
HC TUMORS ALL ROUTES	605/1293 (47%)			
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.087N	P=0.013N*	P<0.001N**
POLY 1.5	P<0.001N**	P=0.086N	P=0.009N**	P<0.001N**
POLY 6	P=0.003N**	P=0.088N	P=0.021N*	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.066N	P=0.006N**	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.059N	P=0.009N**	P<0.001N**
HISTCONT SAME RTE	P=0.201	P=0.025*	P=0.058	P=0.174
HISTCONT ALL RTES	P=0.740	P=0.234	P=0.463	P=1.000
CURR VS HC SAME RTE	P<0.001**			
CURR VS HC ALL RTES	P<0.001**			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	4/50 (8%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/46.43	4/45.87	2/44.58	4/42.37
POLY-3 PERCENT (g)	4.3%	8.7%	4.5%	9.4%
TERMINAL (d)	2/38 (5%)	4/37 (11%)	2/31 (7%)	2/16 (13%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	602
HC TUMORS SAME ROUTE	16/199 (8%)			
HC TUMORS ALL ROUTES	112/1298 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.320	P=0.332	P=0.679	P=0.296
POLY 1.5	P=0.343	P=0.330	P=0.686	P=0.316
POLY 6	P=0.282	P=0.333	P=0.669	P=0.262
COCH-ARM / FISHERS	P=0.366	P=0.339	P=0.691N	P=0.339
MAX-ISO-POLY-3	P=0.293	P=0.198	P=0.483	P=0.180
HISTCONT SAME RTE	P=0.658	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.342			
CURR VS HC ALL RTEs	P=0.192			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/46.43	1/45.87	1/45.05	1/42.18
POLY-3 PERCENT (g)	2.2%	2.2%	2.2%	2.4%
TERMINAL (d)	1/38 (3%)	1/37 (3%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	588	640
HC TUMORS SAME ROUTE	18/199 (9%)			
HC TUMORS ALL ROUTES	113/1298 (9%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	2/46.60	1/45.87	1/45.05	4/43.40
POLY-3 PERCENT (g)	4.3%	2.2%	2.2%	9.2%
TERMINAL (d)	1/38 (3%)	1/37 (3%)	0/31 (0%)	1/16 (6%)
FIRST INCIDENCE	684	727 (T)	588	505
HC TUMORS SAME ROUTE	21/199 (11%)			
HC TUMORS ALL ROUTES	143/1298 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.111	P=0.505N	P=0.512N	P=0.305
POLY 1.5	P=0.119	P=0.506N	P=0.506N	P=0.321
POLY 6	P=0.098	P=0.505N	P=0.521N	P=0.275
COCH-ARM / FISHERS	P=0.124	P=0.500N	P=0.500N	P=0.339
MAX-ISO-POLY-3	P=0.130	P=0.287N	P=0.293N	P=0.184
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.132			
CURR VS HC ALL RTEs	P=0.075			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.43	0/45.87	0/44.58	3/43.09
POLY-3 PERCENT (g)	0%	0%	0%	7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	1/16 (6%)
FIRST INCIDENCE	---	---	---	505
HC TUMORS SAME ROUTE	1/199 (1%)			
HC TUMORS ALL ROUTES	17/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.007**	(e)	(e)	P=0.106
POLY 1.5	P=0.007**	(e)	(e)	P=0.112
POLY 6	P=0.006**	(e)	(e)	P=0.094
COCH-ARM / FISHERS	P=0.009**	(e)	(e)	P=0.121
MAX-ISO-POLY-3	P=0.010**	(e)	(e)	P=0.038*
HISTCONT SAME RTE	P=0.029*	(e)	(e)	P=0.032*
HISTCONT ALL RTES	P=0.035*	(e)	(e)	P=0.008**
CURR VS HC SAME RTE	P=0.358			
CURR VS HC ALL RTES	P=0.267			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/46.60	0/45.87	0/44.58	3/43.09
POLY-3 PERCENT (g)	2.2%	0%	0%	7%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	0/31 (0%)	1/16 (6%)
FIRST INCIDENCE	684	---	---	505
HC TUMORS SAME ROUTE	3/199 (2%)			
HC TUMORS ALL ROUTES	31/1298 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.047*	P=0.503N	P=0.509N	P=0.278
POLY 1.5	P=0.050*	P=0.504N	P=0.505N	P=0.292
POLY 6	P=0.043*	P=0.503N	P=0.515N	P=0.253
COCH-ARM / FISHERS	P=0.053	P=0.500N	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.043*	P=0.163N	P=0.170N	P=0.144
HISTCONT SAME RTE	P=0.070	P=1.000	P=1.000	P=0.076
HISTCONT ALL RTES	P=0.180	P=1.000	P=1.000	P=0.102
CURR VS HC SAME RTE	P=0.877			
CURR VS HC ALL RTES	P=0.789			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	2/46.43	3/45.87	1/44.58	4/42.37
POLY-3 PERCENT (g)	4.3%	6.5%	2.2%	9.4%
TERMINAL (d)	2/38 (5%)	3/37 (8%)	1/31 (3%)	2/16 (13%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	602
HC TUMORS SAME ROUTE	12/199 (6%)			
HC TUMORS ALL ROUTES	67/1298 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.234	P=0.494	P=0.514N	P=0.296
POLY 1.5	P=0.251	P=0.493	P=0.508N	P=0.316
POLY 6	P=0.207	P=0.496	P=0.525N	P=0.262
COCH-ARM / FISHERS	P=0.267	P=0.500	P=0.500N	P=0.339
MAX-ISO-POLY-3	P=0.258	P=0.320	P=0.296N	P=0.180
HISTCONT SAME RTE	P=0.475	P=1.000	P=1.000	P=0.403
HISTCONT ALL RTEs	P=0.425	P=1.000	P=1.000	P=0.273
CURR VS HC SAME RTE	P=0.609			
CURR VS HC ALL RTEs	P=0.626			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.43	0/45.87	2/45.31	0/41.86
POLY-3 PERCENT (g)	2.2%	0%	4.4%	0%
TERMINAL (d)	1/38 (3%)	0/37 (0%)	0/31 (0%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	---	534	---
HC TUMORS SAME ROUTE	3/199 (2%)			
HC TUMORS ALL ROUTES	9/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.473N	P=0.502N	P=0.491	P=0.521N
POLY 1.5	P=0.456N	P=0.503N	P=0.496	P=0.511N
POLY 6	P=0.503N	P=0.502N	P=0.484	P=0.538N
COCH-ARM / FISHERS	P=0.441N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.368N	P=0.162N	P=0.276	P=0.184N
HISTCONT SAME RTE	P=0.633	P=1.000	P=0.307	P=1.000
HISTCONT ALL RTEs	P=0.349	P=1.000	P=0.019*	P=1.000
CURR VS HC SAME RTE	P=0.901			
CURR VS HC ALL RTEs	P=0.321			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	2/46.43	3/45.87	1/44.58	4/42.37
POLY-3 PERCENT (g)	4.3%	6.5%	2.2%	9.4%
TERMINAL (d)	2/38 (5%)	3/37 (8%)	1/31 (3%)	2/16 (13%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	602
HC TUMORS SAME ROUTE	12/199 (6%)			
HC TUMORS ALL ROUTES	83/1298 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.234	P=0.494	P=0.514N	P=0.296
POLY 1.5	P=0.251	P=0.493	P=0.508N	P=0.316
POLY 6	P=0.207	P=0.496	P=0.525N	P=0.262
COCH-ARM / FISHERS	P=0.267	P=0.500	P=0.500N	P=0.339
MAX-ISO-POLY-3	P=0.258	P=0.320	P=0.296N	P=0.180
HISTCONT SAME RTE	P=0.475	P=1.000	P=1.000	P=0.403
HISTCONT ALL RTEs	P=0.573	P=1.000	P=1.000	P=0.419
CURR VS HC SAME RTE	P=0.609			
CURR VS HC ALL RTEs	P=0.415			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	2/44.58	0/41.86
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	---	---	727 (T)	---
HC TUMORS SAME ROUTE	1/199 (1%)			
HC TUMORS ALL ROUTES	2/1295 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.708N	(e)	P=0.228	(e)
POLY 1.5	P=0.692N	(e)	P=0.232	(e)
POLY 6	P=0.721	(e)	P=0.222	(e)
COCH-ARM / FISHERS	P=0.675N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.266	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.334	(e)	P=0.076	(e)
HISTCONT ALL RTES	P=0.056	(e)	P<0.001**	(e)
CURR VS HC SAME RTE	P=0.365			
CURR VS HC ALL RTES	P=0.350			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Testes				
Adenoma				
TUMOR RATES				
OVERALL (a)	37/50 (74%)	37/50 (74%)	39/50 (78%)	39/50 (78%)
POLY-3 RATE (b)	37/46.76	37/46.79	39/47.79	39/47.98
POLY-3 PERCENT (g)	79.1%	79.1%	81.6%	81.3%
TERMINAL (d)	34/38 (90%)	31/37 (84%)	25/31 (81%)	15/16 (94%)
FIRST INCIDENCE	692	657	547	505
HC TUMORS SAME ROUTE	176/199 (88%)			
HC TUMORS ALL ROUTES	1053/1298 (81%)			
STATISTICAL TESTS				
POLY 3	P=0.450	P=0.602N	P=0.482	P=0.498
POLY 1.5	P=0.431	P=0.567	P=0.445	P=0.462
POLY 6	P=0.446	P=0.551N	P=0.544	P=0.528
COCH-ARM / FISHERS	P=0.359	P=0.590N	P=0.408	P=0.408
MAX-ISO-POLY-3	P=0.600	P=0.496N	P=0.375	P=0.389
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.021*			
CURR VS HC ALL RTES	P=0.106			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	10/50 (20%)	9/50 (18%)	10/49 (20%)	1/45 (2%)
POLY-3 RATE (b)	10/47.05	9/45.87	10/43.96	1/37.77
POLY-3 PERCENT (g)	21.3%	19.6%	22.8%	2.7%
TERMINAL (d)	9/38 (24%)	9/37 (24%)	9/31 (29%)	0/16 (0%)
FIRST INCIDENCE	526	727 (T)	662	665
HC TUMORS SAME ROUTE	37/199 (19%)			
HC TUMORS ALL ROUTES	169/1290 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.012N*	P=0.525N	P=0.532	P=0.012N*
POLY 1.5	P=0.009N**	P=0.523N	P=0.553	P=0.009N**
POLY 6	P=0.020N*	P=0.527N	P=0.503	P=0.018N*
COCH-ARM / FISHERS	P=0.007N**	P=0.500N	P=0.579	P=0.006N**
MAX-ISO-POLY-3	P=0.019N*	P=0.422N	P=0.432	P=0.008N**
HISTCONT SAME RTE	P=1.000	P=1.000	P=0.406	P=1.000
HISTCONT ALL RTEs	P=0.753	P=0.223	P=0.082	P=1.000
CURR VS HC SAME RTE	P=0.905			
CURR VS HC ALL RTEs	P=0.239			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Carcinoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/49 (4%)	0/45 (0%)
POLY-3 RATE (b)	1/46.43	2/45.87	2/43.74	0/37.53
POLY-3 PERCENT (g)	2.2%	4.4%	4.6%	0%
TERMINAL (d)	1/38 (3%)	2/37 (5%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	721	---
HC TUMORS SAME ROUTE	6/199 (3%)			
HC TUMORS ALL ROUTES	32/1290 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.305N	P=0.496	P=0.479	P=0.542N
POLY 1.5	P=0.288N	P=0.495	P=0.486	P=0.532N
POLY 6	P=0.335N	P=0.497	P=0.470	P=0.559N
COCH-ARM / FISHERS	P=0.270N	P=0.500	P=0.492	P=0.526N
MAX-ISO-POLY-3	P=0.293N	P=0.278	P=0.268	P=0.204N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.756	P=0.443	P=0.419	P=1.000
CURR VS HC SAME RTE	P=0.774			
CURR VS HC ALL RTES	P=0.760			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	11/50 (22%)	11/50 (22%)	12/49 (24%)	1/45 (2%)
POLY-3 RATE (b)	11/47.05	11/45.87	12/43.99	1/37.77
POLY-3 PERCENT (g)	23.4%	24%	27.3%	2.7%
TERMINAL (d)	10/38 (26%)	11/37 (30%)	10/31 (32%)	0/16 (0%)
FIRST INCIDENCE	526	727 (T)	662	665
HC TUMORS SAME ROUTE	43/199 (22%)			
HC TUMORS ALL ROUTES	198/1290 (15%)			
STATISTICAL TESTS				
POLY 3	P=0.006N**	P=0.569	P=0.426	P=0.007N**
POLY 1.5	P=0.004N**	P=0.571	P=0.449	P=0.005N**
POLY 6	P=0.010N**	P=0.568	P=0.394	P=0.010N**
COCH-ARM / FISHERS	P=0.003N**	P=0.595N	P=0.478	P=0.003N**
MAX-ISO-POLY-3	P=0.009N**	P=0.472	P=0.338	P=0.005N**
HISTCONT SAME RTE	P=1.000	P=1.000	P=0.361	P=1.000
HISTCONT ALL RTEs	P=0.726	P=0.148	P=0.052	P=1.000
CURR VS HC SAME RTE	P=0.957			
CURR VS HC ALL RTEs	P=0.305			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/49 (6%)	5/45 (11%)
POLY-3 RATE (b)	2/46.43	1/46.04	3/44.67	5/37.93
POLY-3 PERCENT (g)	4.3%	2.2%	6.7%	13.2%
TERMINAL (d)	2/38 (5%)	0/37 (0%)	1/31 (3%)	2/16 (13%)
FIRST INCIDENCE	727 (T)	685	485	675
HC TUMORS SAME ROUTE	3/199 (2%)			
HC TUMORS ALL ROUTES	12/1290 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.040*	P=0.503N	P=0.482	P=0.142
POLY 1.5	P=0.047*	P=0.505N	P=0.487	P=0.157
POLY 6	P=0.031*	P=0.501N	P=0.475	P=0.119
COCH-ARM / FISHERS	P=0.054	P=0.500N	P=0.490	P=0.176
MAX-ISO-POLY-3	P=0.064	P=0.284N	P=0.311	P=0.085
HISTCONT SAME RTE	P=0.011*	P=1.000	P=0.047*	P=0.017*
HISTCONT ALL RTES	P<0.001**	P=1.000	P=0.002**	P<0.001**
CURR VS HC SAME RTE	P=0.225			
CURR VS HC ALL RTES	P=0.042*			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/49 (6%)	5/45 (11%)
POLY-3 RATE (b)	2/46.43	1/46.04	3/44.67	5/37.93
POLY-3 PERCENT (g)	4.3%	2.2%	6.7%	13.2%
TERMINAL (d)	2/38 (5%)	0/37 (0%)	1/31 (3%)	2/16 (13%)
FIRST INCIDENCE	727 (T)	685	485	675
HC TUMORS SAME ROUTE	6/199 (3%)			
HC TUMORS ALL ROUTES	23/1290 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.040*	P=0.503N	P=0.482	P=0.142
POLY 1.5	P=0.047*	P=0.505N	P=0.487	P=0.157
POLY 6	P=0.031*	P=0.501N	P=0.475	P=0.119
COCH-ARM / FISHERS	P=0.054	P=0.500N	P=0.490	P=0.176
MAX-ISO-POLY-3	P=0.064	P=0.284N	P=0.311	P=0.085
HISTCONT SAME RTE	P=0.028*	P=1.000	P=0.228	P=0.037*
HISTCONT ALL RTES	P<0.001**	P=1.000	P=0.036*	P<0.001**
CURR VS HC SAME RTE	P=0.768			
CURR VS HC ALL RTES	P=0.297			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	3/44.82	0/41.86
POLY-3 PERCENT (g)	0%	0%	6.7%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	---	---	664	---
HC TUMORS SAME ROUTE	1/199 (1%)			
HC TUMORS ALL ROUTES	7/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.663N	(e)	P=0.112	(e)
POLY 1.5	P=0.640N	(e)	P=0.115	(e)
POLY 6	P=0.683	(e)	P=0.108	(e)
COCH-ARM / FISHERS	P=0.617N	(e)	P=0.121	(e)
MAX-ISO-POLY-3	P=0.183	(e)	P=0.038*	(e)
HISTCONT SAME RTE	P=0.285	(e)	P=0.031*	(e)
HISTCONT ALL RTES	P=0.109	(e)	P<0.001**	(e)
CURR VS HC SAME RTE	P=0.365			
CURR VS HC ALL RTES	P=0.440			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	1/46.13	3/44.82	0/41.86
POLY-3 PERCENT (g)	0%	2.2%	6.7%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	2/31 (7%)	0/16 (0%)
FIRST INCIDENCE	---	657	664	---
HC TUMORS SAME ROUTE	1/199 (1%)			
HC TUMORS ALL ROUTES	10/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.524N	P=0.499	P=0.112	(e)
POLY 1.5	P=0.499N	P=0.497	P=0.115	(e)
POLY 6	P=0.567N	P=0.500	P=0.108	(e)
COCH-ARM / FISHERS	P=0.474N	P=0.500	P=0.121	(e)
MAX-ISO-POLY-3	P=0.241	P=0.159	P=0.038*	(e)
HISTCONT SAME RTE	P=0.294	P=0.406	P=0.031*	(e)
HISTCONT ALL RTES	P=0.154	P=0.437	P<0.001**	(e)
CURR VS HC SAME RTE	P=0.365			
CURR VS HC ALL RTES	P=0.443			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated				
TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	12/50 (24%)	22/50 (44%)	21/50 (42%)
POLY-3 RATE (b)	9/46.95	12/46.79	22/48.15	21/44.87
POLY-3 PERCENT (g)	19.2%	25.7%	45.7%	46.8%
TERMINAL (d)	6/38 (16%)	7/37 (19%)	9/31 (29%)	7/16 (44%)
FIRST INCIDENCE	626	643	485	568
HC TUMORS SAME ROUTE	30/199 (15%)			
HC TUMORS ALL ROUTES	502/1298 (39%)			
STATISTICAL TESTS				
POLY 3	P=0.004**	P=0.308	P=0.004**	P=0.003**
POLY 1.5	P=0.006**	P=0.301	P=0.004**	P=0.005**
POLY 6	P=0.002**	P=0.317	P=0.004**	P=0.002**
COCH-ARM / FISHERS	P=0.009**	P=0.312	P=0.004**	P=0.008**
MAX-ISO-POLY-3	P=0.005**	P=0.227	P=0.002**	P=0.002**
HISTCONT SAME RTE	P=0.018*	P=0.082	P=0.008**	P=0.009**
HISTCONT ALL RTES	P=0.604	P=1.000	P=0.401	P=0.369
CURR VS HC SAME RTE	P=0.675			
CURR VS HC ALL RTES	P<0.001**			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Mesothelioma: Benign, Malignant, NOS				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/46.60	2/45.87	1/44.58	1/42.06
POLY-3 PERCENT (g)	6.4%	4.4%	2.2%	2.4%
TERMINAL (d)	2/38 (5%)	2/37 (5%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	684	727 (T)	727 (T)	675
HC TUMORS SAME ROUTE	10/199 (5%)			
HC TUMORS ALL ROUTES	32/1298 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.303N	P=0.507N	P=0.321N	P=0.343N
POLY 1.5	P=0.290N	P=0.508N	P=0.314N	P=0.325N
POLY 6	P=0.327N	P=0.507N	P=0.333N	P=0.375N
COCH-ARM / FISHERS	P=0.277N	P=0.500N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.281N	P=0.331N	P=0.171N	P=0.192N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=0.760	P=0.416	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.808			
CURR VS HC ALL RTEs	P=0.147			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Mesothelioma: Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/46.60	2/45.87	1/44.58	1/42.06
POLY-3 PERCENT (g)	6.4%	4.4%	2.2%	2.4%
TERMINAL (d)	2/38 (5%)	2/37 (5%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	684	727 (T)	727 (T)	675
HC TUMORS SAME ROUTE	10/199 (5%)			
HC TUMORS ALL ROUTES	31/1298 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.303N	P=0.507N	P=0.321N	P=0.343N
POLY 1.5	P=0.290N	P=0.508N	P=0.314N	P=0.325N
POLY 6	P=0.327N	P=0.507N	P=0.333N	P=0.375N
COCH-ARM / FISHERS	P=0.277N	P=0.500N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.281N	P=0.331N	P=0.171N	P=0.192N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=0.745	P=0.398	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.808			
CURR VS HC ALL RTEs	P=0.131			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	2/44.66	0/41.86
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	---	---	706	---
HC TUMORS SAME ROUTE	4/199 (2%)			
HC TUMORS ALL ROUTES	17/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.708N	(e)	P=0.229	(e)
POLY 1.5	P=0.692N	(e)	P=0.233	(e)
POLY 6	P=0.721	(e)	P=0.222	(e)
COCH-ARM / FISHERS	P=0.675N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.266	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.668	(e)	P=0.302	(e)
HISTCONT ALL RTES	P=0.593	(e)	P=0.117	(e)
CURR VS HC SAME RTE	P=0.248			
CURR VS HC ALL RTES	P=0.265			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Osteosarcoma or Osteoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.43	0/45.87	2/44.66	0/41.86
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/38 (0%)	0/37 (0%)	1/31 (3%)	0/16 (0%)
FIRST INCIDENCE	---	---	706	---
HC TUMORS SAME ROUTE	4/199 (2%)			
HC TUMORS ALL ROUTES	18/1298 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.708N	(e)	P=0.229	(e)
POLY 1.5	P=0.692N	(e)	P=0.233	(e)
POLY 6	P=0.721	(e)	P=0.222	(e)
COCH-ARM / FISHERS	P=0.675N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.266	(e)	P=0.076	(e)
HISTCONT SAME RTE	P=0.668	(e)	P=0.302	(e)
HISTCONT ALL RTES	P=0.613	(e)	P=0.127	(e)
CURR VS HC SAME RTE	P=0.248			
CURR VS HC ALL RTES	P=0.255			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	50/50 (100%)	48/50 (96%)	49/50 (98%)	48/50 (96%)
POLY-3 RATE (b)	50/50.00	48/49.00	49/49.85	48/49.90
POLY-3 PERCENT (g)	100%	98%	98.3%	96.2%
TERMINAL (d)	38/38 (100%)	36/37 (97%)	31/31 (100%)	15/16 (94%)
FIRST INCIDENCE	505	449	485	505
HC TUMORS SAME ROUTE	194/199 (98%)			
HC TUMORS ALL ROUTES	1248/1298 (96%)			
STATISTICAL TESTS				
POLY 3	P=0.209N	P=0.496N	P=0.569N	P=0.249N
POLY 1.5	P=0.206N	P=0.495N	P=0.533N	P=0.243N
POLY 6	P=0.217N	P=0.496N	P=0.647N	P=0.261N
COCH-ARM / FISHERS	P=0.321N	P=0.247N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.122N	P=0.159N	P=0.159N	P=0.077N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.368			
CURR VS HC ALL RTES	P=0.237			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	13/50 (26%)	17/50 (34%)	30/50 (60%)	29/50 (58%)
POLY-3 RATE (b)	13/47.22	17/46.95	30/49.12	29/47.18
POLY-3 PERCENT (g)	27.5%	36.2%	61.1%	61.5%
TERMINAL (d)	8/38 (21%)	11/37 (30%)	14/31 (45%)	10/16 (63%)
FIRST INCIDENCE	626	643	485	505
HC TUMORS SAME ROUTE	79/199 (40%)			
HC TUMORS ALL ROUTES	721/1298 (56%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.248	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.242	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.256	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.257	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.184	P<0.001**	P<0.001**
HISTCONT SAME RTE	P=0.096	P=1.000	P=0.089	P=0.091
HISTCONT ALL RTES	P=0.637	P=1.000	P=0.426	P=0.413
CURR VS HC SAME RTE	P=0.175			
CURR VS HC ALL RTES	P<0.001**			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	50/50 (100%)	48/50 (96%)	50/50 (100%)	49/50 (98%)
POLY-3 RATE (b)	50/50.00	48/49.00	50/50.00	49/49.90
POLY-3 PERCENT (g)	100%	98%	100%	98.2%
TERMINAL (d)	38/38 (100%)	36/37 (97%)	31/31 (100%)	16/16 (100%)
FIRST INCIDENCE	505	449	485	505
HC TUMORS SAME ROUTE	196/199 (99%)			
HC TUMORS ALL ROUTES	1286/1298 (99%)			
STATISTICAL TESTS				
POLY 3	P=0.509N	P=0.496N	(e)	P=0.542N
POLY 1.5	P=0.487N	P=0.495N	(e)	P=0.520N
POLY 6	P=0.553N	P=0.496N	(e)	P=0.587N
COCH-ARM / FISHERS	P=0.617N	P=0.247N	(e)	P=0.500N
MAX-ISO-POLY-3	P=0.279N	P=0.159N	(e)	P=0.159N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.713			
CURR VS HC ALL RTES	P=0.608			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/45.71	2/40.76	0/45.69	2/41.71
POLY-3 PERCENT (g)	4.4%	4.9%	0%	4.8%
TERMINAL (d)	1/37 (3%)	2/27 (7%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	653	728 (T)	---	618
HC TUMORS SAME ROUTE	9/200 (5%)			
HC TUMORS ALL ROUTES	32/1238 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.587	P=0.652	P=0.237N	P=0.661
POLY 1.5	P=0.589	P=0.668	P=0.237N	P=0.668
POLY 6	P=0.585	P=0.632	P=0.238N	P=0.653
COCH-ARM / FISHERS	P=0.605	P=0.691N	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.457N	P=0.455	P=0.076N	P=0.464
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	P=0.372	P=0.341	P=1.000	P=0.357
CURR VS HC SAME RTE	P=0.820			
CURR VS HC ALL RTEs	P=0.580			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma Malignant				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	1/41.32
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	---	---	---	728 (T)
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	7/1238 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	2/45.71	2/40.76	0/45.69	3/41.71
POLY-3 PERCENT (g)	4.4%	4.9%	0%	7.2%
TERMINAL (d)	1/37 (3%)	2/27 (7%)	0/37 (0%)	2/32 (6%)
FIRST INCIDENCE	653	728 (T)	---	618
HC TUMORS SAME ROUTE	9/200 (5%)			
HC TUMORS ALL ROUTES	44/1238 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.329	P=0.652	P=0.237N	P=0.458
POLY 1.5	P=0.332	P=0.668	P=0.237N	P=0.468
POLY 6	P=0.327	P=0.632	P=0.238N	P=0.449
COCH-ARM / FISHERS	P=0.347	P=0.691N	P=0.247N	P=0.500
MAX-ISO-POLY-3	P=0.279	P=0.455	P=0.076N	P=0.296
HISTCONT SAME RTE	P=0.315	P=1.000	P=1.000	P=0.388
HISTCONT ALL RTEs	P=0.292	P=1.000	P=1.000	P=0.207
CURR VS HC SAME RTE	P=0.820			
CURR VS HC ALL RTEs	P=0.918			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Bone				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	4/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral/Preputial Gland Adenoma				
TUMOR RATES				
OVERALL (a)	5/50 (10%)	8/50 (16%)	4/50 (8%)	8/50 (16%)
POLY-3 RATE (b)	5/45.55	8/41.62	4/45.69	8/42.16
POLY-3 PERCENT (g)	11%	19.2%	8.8%	19%
TERMINAL (d)	4/37 (11%)	7/27 (26%)	4/37 (11%)	4/32 (13%)
FIRST INCIDENCE	698	380	728 (T)	587
HC TUMORS SAME ROUTE	15/198 (8%)			
HC TUMORS ALL ROUTES	119/1247 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.269	P=0.218	P=0.498N	P=0.226
POLY 1.5	P=0.275	P=0.240	P=0.498N	P=0.236
POLY 6	P=0.266	P=0.191	P=0.500N	P=0.219
COCH-ARM / FISHERS	P=0.311	P=0.277	P=0.500N	P=0.277
MAX-ISO-POLY-3	P=0.245	P=0.150	P=0.361N	P=0.155
HISTCONT SAME RTE	P=0.148	P=0.063	P=1.000	P=0.065
HISTCONT ALL RTES	P=0.319	P=0.164	P=1.000	P=0.169
CURR VS HC SAME RTE	P=0.656			
CURR VS HC ALL RTES	P=0.992			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral/Preputial Gland Carcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	1/46.30	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	---	---	533	---
HC TUMORS SAME ROUTE	4/198 (2%)			
HC TUMORS ALL ROUTES	40/1247 (3%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Clitoral/Preputial Gland Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	5/50 (10%)	8/50 (16%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	5/45.55	8/41.62	5/46.30	8/42.16
POLY-3 PERCENT (g)	11%	19.2%	10.8%	19%
TERMINAL (d)	4/37 (11%)	7/27 (26%)	4/37 (11%)	4/32 (13%)
FIRST INCIDENCE	698	380	533	587
HC TUMORS SAME ROUTE	19/198 (10%)			
HC TUMORS ALL ROUTES	158/1247 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.279	P=0.218	P=0.620N	P=0.226
POLY 1.5	P=0.285	P=0.240	P=0.623N	P=0.236
POLY 6	P=0.276	P=0.191	P=0.618N	P=0.219
COCH-ARM / FISHERS	P=0.324	P=0.277	P=0.630N	P=0.277
MAX-ISO-POLY-3	P=0.253	P=0.150	P=0.488N	P=0.155
HISTCONT SAME RTE	P=0.156	P=0.075	P=1.000	P=0.078
HISTCONT ALL RTES	P=0.556	P=0.317	P=1.000	P=0.326
CURR VS HC SAME RTE	P=0.997			
CURR VS HC ALL RTES	P=0.515			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.43	0/40.76	0/45.69	1/41.32
POLY-3 PERCENT (g)	2.2%	0%	0%	2.4%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)
HC TUMORS SAME ROUTE	3/200 (2%)			
HC TUMORS ALL ROUTES	27/1244 (2%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Islets, Pancreatic Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.43	0/40.76	0/45.69	1/41.32
POLY-3 PERCENT (g)	2.2%	0%	0%	2.4%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)
HC TUMORS SAME ROUTE	3/200 (2%)			
HC TUMORS ALL ROUTES	31/1244 (3%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	11/1250 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	4/45.43	0/40.76	3/45.76	0/41.32
POLY-3 PERCENT (g)	8.8%	0%	6.6%	0%
TERMINAL (d)	4/37 (11%)	0/27 (0%)	2/37 (5%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	---	710	---
HC TUMORS SAME ROUTE	7/200 (4%)			
HC TUMORS ALL ROUTES	22/1250 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.117N	P=0.075N	P=0.496N	P=0.073N
POLY 1.5	P=0.119N	P=0.069N	P=0.497N	P=0.070N
POLY 6	P=0.113N	P=0.083N	P=0.495N	P=0.076N
COCH-ARM / FISHERS	P=0.119N	P=0.059N	P=0.500N	P=0.059N
MAX-ISO-POLY-3	P=0.036N*	P=0.031N*	P=0.344N	P=0.030N*
HISTCONT SAME RTE	P=0.758	P=1.000	P=0.358	P=1.000
HISTCONT ALL RTEs	P=0.549	P=1.000	P=0.055	P=1.000
CURR VS HC SAME RTE	P=0.231			
CURR VS HC ALL RTEs	P=0.002**			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	4/45.43	0/40.76	3/45.76	0/41.32
POLY-3 PERCENT (g)	8.8%	0%	6.6%	0%
TERMINAL (d)	4/37 (11%)	0/27 (0%)	2/37 (5%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	---	710	---
HC TUMORS SAME ROUTE	7/200 (4%)			
HC TUMORS ALL ROUTES	27/1250 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.117N	P=0.075N	P=0.496N	P=0.073N
POLY 1.5	P=0.119N	P=0.069N	P=0.497N	P=0.070N
POLY 6	P=0.113N	P=0.083N	P=0.495N	P=0.076N
COCH-ARM / FISHERS	P=0.119N	P=0.059N	P=0.500N	P=0.059N
MAX-ISO-POLY-3	P=0.036N*	P=0.031N*	P=0.344N	P=0.030N*
HISTCONT SAME RTE	P=0.758	P=1.000	P=0.358	P=1.000
HISTCONT ALL RTEs	P=0.622	P=1.000	P=0.080	P=1.000
CURR VS HC SAME RTE	P=0.231			
CURR VS HC ALL RTEs	P=0.009**			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	23/50 (46%)	31/50 (62%)	31/50 (62%)	14/50 (28%)
POLY-3 RATE (b)	23/46.25	31/44.06	31/47.83	14/41.96
POLY-3 PERCENT (g)	49.7%	70.4%	64.8%	33.4%
TERMINAL (d)	20/37 (54%)	19/27 (70%)	24/37 (65%)	10/32 (31%)
FIRST INCIDENCE	596	559	474	639
HC TUMORS SAME ROUTE	88/200 (44%)			
HC TUMORS ALL ROUTES	655/1250 (52%)			
STATISTICAL TESTS				
POLY 3	P=0.004N**	P=0.031*	P=0.097	P=0.086N
POLY 1.5	P=0.004N**	P=0.042*	P=0.089	P=0.076N
POLY 6	P=0.006N**	P=0.026*	P=0.106	P=0.098N
COCH-ARM / FISHERS	P=0.002N**	P=0.080	P=0.080	P=0.048N*
MAX-ISO-POLY-3	P=0.007N**	P=0.021*	P=0.068	P=0.065N
HISTCONT SAME RTE	P=0.526	P=0.019*	P=0.031*	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.124	P=0.259	P=1.000
CURR VS HC SAME RTE	P=0.974			
CURR VS HC ALL RTES	P=0.262			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Nose				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	2/50 (4%)	0/46 (0%)
POLY-3 RATE (b)	0/44.71	0/39.98	2/45.69	0/37.92
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	2/37 (5%)	0/32 (0%)
FIRST INCIDENCE	---	---	728 (T)	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	1/1247 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.710N	(e)	P=0.242	(e)
POLY 1.5	P=0.708N	(e)	P=0.242	(e)
POLY 6	P=0.711N	(e)	P=0.241	(e)
COCH-ARM / FISHERS	P=0.692N	(e)	P=0.253	(e)
MAX-ISO-POLY-3	P=0.282	(e)	P=0.080	(e)
HISTCONT SAME RTE	P=0.227	(e)	P=0.038*	(e)
HISTCONT ALL RTES	P=0.042*	(e)	P<0.001**	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=0.313			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	34/50 (68%)	28/50 (56%)	22/50 (44%)	16/50 (32%)
POLY-3 RATE (b)	34/48.11	28/45.02	22/46.78	16/42.28
POLY-3 PERCENT (g)	70.7%	62.2%	47%	37.8%
TERMINAL (d)	24/37 (65%)	16/27 (59%)	17/37 (46%)	13/32 (41%)
FIRST INCIDENCE	551	433	609	533
HC TUMORS SAME ROUTE	106/200 (53%)			
HC TUMORS ALL ROUTES	682/1247 (55%)			
STATISTICAL TESTS				
POLY 3	P<0.001N**	P=0.255N	P=0.013N*	P<0.001N**
POLY 1.5	P<0.001N**	P=0.212N	P=0.012N*	P<0.001N**
POLY 6	P=0.002N**	P=0.316N	P=0.017N*	P=0.002N**
COCH-ARM / FISHERS	P<0.001N**	P=0.151N	P=0.013N*	P<0.001N**
MAX-ISO-POLY-3	P=0.002N**	P=0.196N	P=0.008N**	P<0.001N**
HISTCONT SAME RTE	P=1.000	P=0.201	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.402	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.073			
CURR VS HC ALL RTES	P=0.094			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/45.88	0/40.76	0/45.69	2/41.35
POLY-3 PERCENT (g)	4.4%	0%	0%	4.8%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	596	---	---	723
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	14/1247 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.374	P=0.264N	P=0.238N	P=0.656
POLY 1.5	P=0.371	P=0.254N	P=0.238N	P=0.666
POLY 6	P=0.378	P=0.278N	P=0.239N	P=0.645
COCH-ARM / FISHERS	P=0.373	P=0.247N	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.264	P=0.102N	P=0.077N	P=0.459
HISTCONT SAME RTE	P=0.046*	P=1.000	P=1.000	P=0.076
HISTCONT ALL RTES	P=0.076	P=1.000	P=1.000	P=0.052
CURR VS HC SAME RTE	P=0.075			
CURR VS HC ALL RTES	P=0.074			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	36/50 (72%)	28/50 (56%)	22/50 (44%)	18/50 (36%)
POLY-3 RATE (b)	36/48.56	28/45.02	22/46.78	18/42.30
POLY-3 PERCENT (g)	74.1%	62.2%	47%	42.6%
TERMINAL (d)	25/37 (68%)	16/27 (59%)	17/37 (46%)	14/32 (44%)
FIRST INCIDENCE	551	433	609	533
HC TUMORS SAME ROUTE	107/200 (54%)			
HC TUMORS ALL ROUTES	696/1247 (56%)			
STATISTICAL TESTS				
POLY 3	P=0.002N**	P=0.149N	P=0.004N**	P<0.001N**
POLY 1.5	P=0.002N**	P=0.113N	P=0.004N**	P<0.001N**
POLY 6	P=0.004N**	P=0.206N	P=0.007N**	P=0.003N**
COCH-ARM / FISHERS	P<0.001N**	P=0.072N	P=0.004N**	P<0.001N**
MAX-ISO-POLY-3	P=0.003N**	P=0.110N	P=0.003N**	P<0.001N**
HISTCONT SAME RTE	P=1.000	P=0.271	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.452	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.029*			
CURR VS HC ALL RTES	P=0.042*			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.43	0/40.76	0/45.69	1/41.32
POLY-3 PERCENT (g)	2.2%	0%	0%	2.4%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	21/1250 (2%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibroma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/45.43	1/40.76	2/45.69	1/41.32
POLY-3 PERCENT (g)	2.2%	2.5%	4.4%	2.4%
TERMINAL (d)	1/37 (3%)	1/27 (4%)	2/37 (5%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)
HC TUMORS SAME ROUTE	6/200 (3%)			
HC TUMORS ALL ROUTES	25/1250 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.654	P=0.736	P=0.502	P=0.739
POLY 1.5	P=0.652N	P=0.745	P=0.501	P=0.744
POLY 6	P=0.651	P=0.725	P=0.502	P=0.734
COCH-ARM / FISHERS	P=0.636N	P=0.753N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.584	P=0.470	P=0.283	P=0.473
HISTCONT SAME RTE	P=0.744	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.517	P=1.000	P=0.262	P=1.000
CURR VS HC SAME RTE	P=0.689			
CURR VS HC ALL RTES	P=0.963			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/45.43	1/40.76	3/45.96	2/41.93
POLY-3 PERCENT (g)	2.2%	2.5%	6.5%	4.8%
TERMINAL (d)	1/37 (3%)	1/27 (4%)	2/37 (5%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	656	533
HC TUMORS SAME ROUTE	7/200 (4%)			
HC TUMORS ALL ROUTES	31/1250 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.401	P=0.736	P=0.309	P=0.472
POLY 1.5	P=0.402	P=0.745	P=0.308	P=0.478
POLY 6	P=0.402	P=0.725	P=0.311	P=0.467
COCH-ARM / FISHERS	P=0.422	P=0.753N	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.348	P=0.470	P=0.158	P=0.265
HISTCONT SAME RTE	P=0.470	P=1.000	P=0.341	P=1.000
HISTCONT ALL RTEs	P=0.232	P=1.000	P=0.064	P=0.348
CURR VS HC SAME RTE	P=0.589			
CURR VS HC ALL RTEs	P=0.792			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	0/40.76	1/45.96	1/41.93
POLY-3 PERCENT (g)	0%	0%	2.2%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	656	533
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	4/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	0/40.76	1/45.96	1/41.93
POLY-3 PERCENT (g)	0%	0%	2.2%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	656	533
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	7/1250 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	1/41.32
POLY-3 PERCENT (g)	0%	0%	0%	2.4%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	---	---	---	728 (T)
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	7/1250 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.43	1/40.76	1/45.69	1/41.85
POLY-3 PERCENT (g)	0%	2.5%	2.2%	2.4%
TERMINAL (d)	0/37 (0%)	1/27 (4%)	1/37 (3%)	0/32 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	566
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	2/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTEs	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTEs	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Skin				
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.43	0/40.76	0/45.69	1/41.32
POLY-3 PERCENT (g)	2.2%	0%	0%	2.4%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	0/37 (0%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	12/1250 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Spleen				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	3/1246 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Adenoma				
TUMOR RATES				
OVERALL (a)	11/49 (22%)	8/50 (16%)	8/49 (16%)	5/49 (10%)
POLY-3 RATE (b)	11/45.89	8/40.85	8/45.71	5/41.32
POLY-3 PERCENT (g)	24%	19.6%	17.5%	12.1%
TERMINAL (d)	7/37 (19%)	7/27 (26%)	6/37 (16%)	3/32 (9%)
FIRST INCIDENCE	498	705	656	618
HC TUMORS SAME ROUTE	25/200 (13%)			
HC TUMORS ALL ROUTES	126/1233 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.116N	P=0.408N	P=0.307N	P=0.124N
POLY 1.5	P=0.115N	P=0.360N	P=0.305N	P=0.113N
POLY 6	P=0.115N	P=0.470N	P=0.314N	P=0.134N
COCH-ARM / FISHERS	P=0.098N	P=0.288N	P=0.305N	P=0.085N
MAX-ISO-POLY-3	P=0.140N	P=0.321N	P=0.224N	P=0.086N
HISTCONT SAME RTE	P=0.519	P=0.141	P=0.266	P=1.000
HISTCONT ALL RTES	P=0.353	P=0.052	P=0.094	P=1.000
CURR VS HC SAME RTE	P=0.090			
CURR VS HC ALL RTES	P=0.010**			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Carcinoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/49 (2%)	1/49 (2%)
POLY-3 RATE (b)	0/44.75	1/40.90	1/45.41	1/40.88
POLY-3 PERCENT (g)	0%	2.5%	2.2%	2.5%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	1/37 (3%)	0/32 (0%)
FIRST INCIDENCE	---	692	728 (T)	656
HC TUMORS SAME ROUTE	3/200 (2%)			
HC TUMORS ALL ROUTES	16/1233 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	11/49 (22%)	9/50 (18%)	9/49 (18%)	6/49 (12%)
POLY-3 RATE (b)	11/45.89	9/40.99	9/45.71	6/41.59
POLY-3 PERCENT (g)	24%	22%	19.7%	14.4%
TERMINAL (d)	7/37 (19%)	7/27 (26%)	7/37 (19%)	3/32 (9%)
FIRST INCIDENCE	498	692	656	618
HC TUMORS SAME ROUTE	27/200 (14%)			
HC TUMORS ALL ROUTES	141/1233 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.166N	P=0.513N	P=0.404N	P=0.196N
POLY 1.5	P=0.165N	P=0.462N	P=0.401N	P=0.183N
POLY 6	P=0.163N	P=0.575N	P=0.413N	P=0.207N
COCH-ARM / FISHERS	P=0.140N	P=0.382N	P=0.401N	P=0.143N
MAX-ISO-POLY-3	P=0.234N	P=0.415N	P=0.311N	P=0.141N
HISTCONT SAME RTE	P=0.445	P=0.132	P=0.224	P=1.000
HISTCONT ALL RTES	P=0.316	P=0.041*	P=0.077	P=0.485
CURR VS HC SAME RTE	P=0.156			
CURR VS HC ALL RTES	P=0.029*			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Adenoma				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	3/49 (6%)	1/49 (2%)
POLY-3 RATE (b)	1/44.75	0/40.76	3/45.41	1/40.94
POLY-3 PERCENT (g)	2.2%	0%	6.6%	2.4%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	3/37 (8%)	0/32 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	637
HC TUMORS SAME ROUTE	1/200 (1%)			
HC TUMORS ALL ROUTES	5/1233 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.573	P=0.519N	P=0.310	P=0.741
POLY 1.5	P=0.572	P=0.510N	P=0.309	P=0.745
POLY 6	P=0.578	P=0.529N	P=0.310	P=0.737
COCH-ARM / FISHERS	P=0.589	P=0.495N	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.294	P=0.182N	P=0.160	P=0.475
HISTCONT SAME RTE	P=0.148	P=1.000	P=0.029*	P=0.380
HISTCONT ALL RTES	P=0.022*	P=1.000	P<0.001**	P=0.184
CURR VS HC SAME RTE	P=0.204			
CURR VS HC ALL RTES	P=0.102			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	4/49 (8%)	2/49 (4%)
POLY-3 RATE (b)	1/44.75	0/40.76	4/45.41	2/40.94
POLY-3 PERCENT (g)	2.2%	0%	8.8%	4.9%
TERMINAL (d)	1/37 (3%)	0/27 (0%)	4/37 (11%)	1/32 (3%)
FIRST INCIDENCE	728 (T)	---	728 (T)	637
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	9/1233 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.324	P=0.519N	P=0.183	P=0.469
POLY 1.5	P=0.323	P=0.510N	P=0.182	P=0.476
POLY 6	P=0.328	P=0.529N	P=0.182	P=0.463
COCH-ARM / FISHERS	P=0.343	P=0.495N	P=0.181	P=0.500
MAX-ISO-POLY-3	P=0.157	P=0.182N	P=0.088	P=0.263
HISTCONT SAME RTE	P=0.117	P=1.000	P=0.021*	P=0.111
HISTCONT ALL RTES	P=0.005**	P=1.000	P<0.001**	P=0.015*
CURR VS HC SAME RTE	P=0.664			
CURR VS HC ALL RTES	P=0.328			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	8/50 (16%)	8/50 (16%)	9/50 (18%)
POLY-3 RATE (b)	3/45.71	8/42.65	8/46.30	9/43.47
POLY-3 PERCENT (g)	6.6%	18.8%	17.3%	20.7%
TERMINAL (d)	2/37 (5%)	4/27 (15%)	7/37 (19%)	4/32 (13%)
FIRST INCIDENCE	653	433	533	521
HC TUMORS SAME ROUTE	28/200 (14%)			
HC TUMORS ALL ROUTES	219/1250 (18%)			
STATISTICAL TESTS				
POLY 3	P=0.120	P=0.077	P=0.102	P=0.048*
POLY 1.5	P=0.120	P=0.085	P=0.101	P=0.049*
POLY 6	P=0.123	P=0.069	P=0.101	P=0.048*
COCH-ARM / FISHERS	P=0.142	P=0.100	P=0.100	P=0.061
MAX-ISO-POLY-3	P=0.058	P=0.045*	P=0.056	P=0.027*
HISTCONT SAME RTE	P=0.137	P=0.297	P=0.494	P=0.134
HISTCONT ALL RTES	P=0.715	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.083			
CURR VS HC ALL RTES	P=0.024*			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Vagina				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	2/41.18	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	4.9%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	609	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	0/1250 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.422N	P=0.216	(e)	(e)
POLY 1.5	P=0.413N	P=0.223	(e)	(e)
POLY 6	P=0.432N	P=0.207	(e)	(e)
COCH-ARM / FISHERS	P=0.392N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.272N	P=0.076	(e)	(e)
HISTCONT SAME RTE	P=0.399	P=0.041*	(e)	(e)
HISTCONT ALL RTES	P=0.114	P<0.001**	(e)	(e)
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTES	P=1.000			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	5/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	3/200 (2%)			
HC TUMORS ALL ROUTES	7/1250 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated				
TUMOR RATES	#	#	#	#
OVERALL (a)	8/50 (16%)	8/50 (16%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	8/45.77	8/41.80	7/46.88	5/41.32
POLY-3 PERCENT (g)	17.5%	19.1%	14.9%	12.1%
TERMINAL (d)	6/37 (16%)	4/27 (15%)	4/37 (11%)	5/32 (16%)
FIRST INCIDENCE	653	629	580	728 (T)
HC TUMORS SAME ROUTE	22/200 (11%)			
HC TUMORS ALL ROUTES	263/1250 (21%)			
STATISTICAL TESTS				
POLY 3	P=0.258N	P=0.530	P=0.480N	P=0.344N
POLY 1.5	P=0.247N	P=0.557	P=0.488N	P=0.326N
POLY 6	P=0.270N	P=0.501	P=0.471N	P=0.365N
COCH-ARM / FISHERS	P=0.209N	P=0.607N	P=0.500N	P=0.277N
MAX-ISO-POLY-3	P=0.372N	P=0.422	P=0.371N	P=0.253N
HISTCONT SAME RTE	P=0.426	P=0.090	P=0.338	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.355			
CURR VS HC ALL RTES	P=0.351			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Mesothelioma: Benign, Malignant, NOS				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	5/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Mesothelioma: Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	2/200 (1%)			
HC TUMORS ALL ROUTES	4/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Osteosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	4/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Osteosarcoma or Osteoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.43	0/40.76	0/45.69	0/41.32
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/27 (0%)	0/37 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/200 (0%)			
HC TUMORS ALL ROUTES	5/1250 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	47/50 (94%)	43/50 (86%)	46/50 (92%)	37/50 (74%)
POLY-3 RATE (b)	47/49.24	43/47.51	46/49.40	37/45.57
POLY-3 PERCENT (g)	95.5%	90.5%	93.1%	81.2%
TERMINAL (d)	35/37 (95%)	25/27 (93%)	35/37 (95%)	25/32 (78%)
FIRST INCIDENCE	498	380	474	521
HC TUMORS SAME ROUTE	166/200 (83%)			
HC TUMORS ALL ROUTES	1083/1250 (87%)			
STATISTICAL TESTS				
POLY 3	P=0.014N*	P=0.279N	P=0.474N	P=0.025N*
POLY 1.5	P=0.012N*	P=0.227N	P=0.474N	P=0.018N*
POLY 6	P=0.015N*	P=0.348N	P=0.502N	P=0.033N*
COCH-ARM / FISHERS	P=0.003N**	P=0.159N	P=0.500N	P=0.006N**
MAX-ISO-POLY-3	P=0.015N*	P=0.160N	P=0.303N	P=0.013N*
HISTCONT SAME RTE	P=0.718	P=0.297	P=0.089	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=0.281	P=1.000
CURR VS HC SAME RTE	P=0.082			
CURR VS HC ALL RTES	P=0.202			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	12/50 (24%)	14/50 (28%)	12/50 (24%)	13/50 (26%)
POLY-3 RATE (b)	12/47.30	14/43.75	12/47.87	13/42.75
POLY-3 PERCENT (g)	25.4%	32%	25.1%	30.4%
TERMINAL (d)	7/37 (19%)	5/27 (19%)	6/37 (16%)	9/32 (28%)
FIRST INCIDENCE	454	327	533	533
HC TUMORS SAME ROUTE	48/200 (24%)			
HC TUMORS ALL ROUTES	446/1250 (36%)			
STATISTICAL TESTS				
POLY 3	P=0.430	P=0.320	P=0.580N	P=0.383
POLY 1.5	P=0.452	P=0.352	P=0.585N	P=0.412
POLY 6	P=0.408	P=0.289	P=0.573N	P=0.355
COCH-ARM / FISHERS	P=0.533	P=0.410	P=0.592N	P=0.500
MAX-ISO-POLY-3	P=0.492	P=0.251	P=0.486N	P=0.306
HISTCONT SAME RTE	P=0.504	P=0.268	P=1.000	P=0.343
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.927			
CURR VS HC ALL RTES	P=0.062			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Ginkgo biloba extract
 CAS Number: 90045-36-6

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344/N)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	49/50 (98%)	47/50 (94%)	48/50 (96%)	42/50 (84%)
POLY-3 RATE (b)	49/50.00	47/49.15	48/50.00	42/46.10
POLY-3 PERCENT (g)	98%	95.6%	96%	91.1%
TERMINAL (d)	36/37 (97%)	25/27 (93%)	35/37 (95%)	29/32 (91%)
FIRST INCIDENCE	454	327	474	521
HC TUMORS SAME ROUTE	181/200 (91%)			
HC TUMORS ALL ROUTES	1175/1250 (94%)			
STATISTICAL TESTS				
POLY 3	P=0.100N	P=0.460N	P=0.500N	P=0.137N
POLY 1.5	P=0.058N	P=0.409N	P=0.500N	P=0.087N
POLY 6	P=0.138N	P=0.488N	P=0.500N	P=0.178N
COCH-ARM / FISHERS	P=0.005N**	P=0.309N	P=0.500N	P=0.015N*
MAX-ISO-POLY-3	P=0.096N	P=0.250N	P=0.281N	P=0.065N
HISTCONT SAME RTE	P=0.344	P=0.102	P=0.080	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.089			
CURR VS HC ALL RTES	P=0.371			

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

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.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (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 ***