

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
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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 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
* Eye		Cataract	Moderate
[Cataract TGLs = 3-10]			
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Minimal
[Cyst TGLs = 2-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLs = 1-14]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 699

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-16]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 699

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700534

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Inflammation	Chronic, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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 Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Leiomyoma	
	[Leiomyoma TGLs = 6-19]		
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 2-16]		
	[Eosinophilic Focus TGLs = 3-17]		
	[Mixed Cell Focus TGLs = 1-15]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700535

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 5-18]	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 4-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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 Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-15]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700536

ORGAN AND ACCOUNTABLE SITE STATUS

Epithel Cell

Hyperplasia

Mild

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 Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1,2-14+15]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Fatty Change TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Respirat Epith	Inflammation	Chronic, Minimal
	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700538

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-15]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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 Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Malignant	
	[Pheochromocytoma Malignant TGLs = 2-15]		
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Leukemia Mononuclear	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700539

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

[Leukemia Mononuclear TGLs = 1-16]

Leukemia Mononuclear

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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 Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 5-7]		
	[Eosinophilic Focus TGLs = 4-15]		
	[Fatty Change TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLs = 3-8]		
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700540

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Trachea		Inflammation	Chronic, Minimal

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 Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
	[Adenoma TGLs = 4-8]		

* PROTOCOL REQUIRED TISSUE

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Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700541

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 2-15]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	Pars Intermed	Hyperplasia	Mild
	[Adenoma TGLs = 1-16]		
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700542

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700543

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Mild
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700544

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-11]

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 526

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Hepatocyte	Fatty Change	Moderate
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Stomach, Forestomach		Inflammation	Chronic, Moderate
	[Inflammation TGLs = 2-6]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 1-14]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 3-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Duct	Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Lymphatic, Subcut Tiss	Cyst	Mild
	[Cyst TGLs = 4-16]		
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700546

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 2-15]		
	[Eosinophilic Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700547

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Hyperplasia	Minimal
		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 505

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Hyperplasia	Minimal
		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700549

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 1,5-16+17]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLs = 4-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Skin	Sebaceous Gl	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700550

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLs = 2-14]	Subcut Tiss	Fibroma	
* Spleen		Fibrosis	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Moderate
		Vacuolization Cytoplasmic	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Fatty Change TGLs = 1-14]		
* Lung		Carcinoma	Metastatic (Thyroid Gland)
	Alveolar Epith	Hyperplasia	Mild
		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-15]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700551

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal

[Carcinoma TGLs = 3-15]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 1-15]		
	[Eosinophilic Focus TGLs = 2,3-16+17]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700552

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 708

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Minimal
	Nasolacrim Dct	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-5]		
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 708

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700553

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-11]

* Thymus

Atrophy

Marked

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 2,4,5-16+17+18]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 3-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
	[Adenoma TGLs = 7-19]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700554

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland			Adenoma	
[Adenoma TGLs = 1-15]				
* Testes		Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 6-11]				
* Thymus			Atrophy	Marked
			Thymoma Benign	
* Thyroid Gland		C Cell	Adenoma	
		C Cell	Hyperplasia	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLs = 1-11]

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700555

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700556

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Adenoma	

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Hepatodiaphragmatic Nodule		
* Lung	TGLs = 1-14]		
	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700557

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
[Adenoma TGLs = 3-15]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | Blood Vessel | * Bone | * Brain |
| * Esophagus | * Eye | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Trachea | * Urinary Bladder | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-------------------|--|-------------------------------|------------------------|
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Mesothelioma Malignant | |
| | [Mesothelioma Malignant TGLs = 4-16] | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Inflammation | Chronic, Minimal |
| | | Leukemia Mononuclear | |
| | | Mixed Cell Focus | |
| | [Clear Cell Focus TGLs = 2-15] | | |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | | Leukemia Mononuclear | |
| | | Mesothelioma Malignant | |
| | | Mesothelioma Malignant | |
| | Mesentery | | |
| | [Mesothelioma Malignant TGLs = 5-17] | | |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Mild |
| * Pancreas | Acinus | Mesothelioma Malignant | Metastatic (Mesentery) |
| * Pituitary Gland | Pars Distalis | Adenoma | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700558

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Mild
[Adenoma TGLs = 7-18]			
* Preputial Gland		Cyst	Mild
		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Cyst TGLs = 1-14]			
* Prostate		Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
[Adenoma TGLs = 6-11]			
[Mesothelioma Malignant TGLs = 3-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 533

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Eye			
	Note: No corresponding microscopic lesion for grossly-observed eye opacity (TGL 1)		
* Heart		Cardiomyopathy	Minimal
* Kidney	Papilla	Necrosis	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Hyperplasia TGLs = 5-6+7]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Basal Cell Adenoma	
		Keratoacanthoma	Multiple
	[Basal Cell Adenoma TGLs = 1-14]		
	[Keratoacanthoma TGLs = 2,3-15+16]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700560

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-15]		
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLs = 3-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	[Hyperplasia TGLs = 5-17]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700561

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-11]

[Mesothelioma Malignant TGLs = 4-11]

* Thymus

Atrophy

Moderate

* Thyroid Gland

Follicle

Adenoma

C Cell

Adenoma

Follicular Cel

Hypertrophy

Minimal

[Adenoma TGLs = 6-17]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
Blood Vessel	Pulmn Vein	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 1-14]		
* Lung	Bronchiole	Hyperplasia	Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700562

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-6+7]		
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-3+4]		
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-15]		
* Nose	Olfactory Epi Glands	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Mild
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700563

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Inflammation	Mild
* Spleen [Leukemia Mononuclear TGLs = 1-14]	Leukemia Mononuclear	
* Stomach, Forestomach [Ulcer TGLs = 5-16]	Inflammation Ulcer	Chronic, Moderate Moderate
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 684

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Congestion	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Congestion TGLs = 2-6+7+14]		
	[Mixed Cell Focus TGLs = 1-14]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLs = 4-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 684

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700564

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Tunic

Mesothelioma Malignant

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Fibrous Histiocytoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy Vacuolization Cytoplasmic Vacuolization Cytoplasmic	Focal, Mild Focal, Minimal Diffuse, Minimal
* Eye			
Note: Both optic nerves were missing			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700565

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung	[Leukemia Mononuclear TGLs = 2,3-6+7+15] Alveolar Epith	Hyperplasia Leukemia Mononuclear	Mild
* Nose	[Hyperplasia TGLs = 6-17] Olfactory Epi Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Atrophy Foreign Body Hyperplasia Inflammation	Minimal Minimal Minimal Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Adenoma Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700566

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-14]			
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 4-16]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 5-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Metaplasia	Osseous, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Chronic, Minimal
	[Cyst TGLs = 1-14]		
* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700569

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-15]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700570

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700571

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-11]

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
	[Pheochromocytoma Benign TGLs = 5-17]		
	[Pheochromocytoma Malignant TGLs = 4-17]		
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Moderate
* Kidney	Papilla	Necrosis	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Necrosis	Moderate
	[Necrosis TGLs = 2,3-15+16]		
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700572

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
Zymbal's Gland		Atrophy	Marked
		Carcinoma	

[Carcinoma TGLs = 1-14]

PRIMARY CAUSE OF DEATH - Zymbal's Gland Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Malignant

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule		
* Lung	TGLs = 1-14]	Hyperplasia	Mild
* Mammary Gland	Alveolar Epith	Cyst	Minimal
* Nose	Duct	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Olfactory Epi	Adenoma	
	Pars Distalis		
	[Adenoma TGLs = 2-15]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 3,4-16+17]		
	[Eosinophilic Focus TGLs = 1-14]		
	[Mixed Cell Focus TGLs = 2-15]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700574

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 5-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Basophilic Focus	
	Bile Duct	Fatty Change	Minimal
		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1,3,4-14+15]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Mammary Gland	Duct	Cyst	Mild
* Nose		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
		Synechia	Focal, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Seminal Vesicle		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700575

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 692

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Blood Vessel	Aorta	Mineralization	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
	Myocardium	Mineralization	Moderate
* Intestine Large, Cecum		Thrombosis	Marked
		Ulcer	Marked
	[Ulcer TGLs = 6-18]		
* Kidney		Hydronephrosis	Marked
	Papilla	Necrosis	Marked
	[Hydronephrosis TGLs = 3-16]		
* Liver	Hepatocyte	Fatty Change	Mild
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 692

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700576

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 4-17]		
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Prostate		Necrosis	Marked
	[Necrosis TGLs = 2-15]		
* Seminal Vesicle		Inflammation	Moderate
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Glandular		Mineralization	Marked
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 5-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Chronic, Moderate
		Necrosis	Moderate
	[Necrosis TGLs = 1-14]		

PRIMARY CAUSE OF DEATH - Urinary Bladder Necrosis

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700577

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-8]			
* Preputial Gland		Adenoma Inflammation	Chronic, Mild
[Adenoma TGLs = 1-15]			
* Prostate		Inflammation	Mild
* Testes	Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Foreign Body	
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
	[Adenoma TGLs = 3-15]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700578

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-11]

* Thymus

Atrophy

Moderate

* Thyroid Gland

C Cell

Hyperplasia

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Lipoma	
		Nephropathy	Minimal
	[Lipoma TGLs = 7-5]		
* Liver	Hepatocyte	Fatty Change	Moderate
		Inflammation	Chronic, Minimal
	[Fatty Change TGLs = 2-6+7]		
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mediastinal	Inflammation	Suppurative, Moderate
	[Inflammation TGLs = 4-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700579

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-16]			
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Ulcer	Moderate
[Ulcer TGLs = 5-14]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLs = 6-14]			
* Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Bronchus	Hyperplasia	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-15]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700580

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 1-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 626

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Hyperplasia	Mild
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-9]		
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
	[Adenoma TGLs = 7-16]		
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-6+7]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 6-15]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-5]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 626

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700581

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Leukemia Mononuclear

[Ulcer TGLs = 5-14]

Ulcer

Moderate

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLs = 2-16]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLs = 3-17]			
* Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700582

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700583

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant	TGLs = 4-11]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Basophilic Focus	TGLs = 2-14]		
* Lung		Mesothelioma Malignant	Metastatic (Epididymis)
[Mesothelioma Malignant	TGLs = 6-3+4]		
* Mammary Gland	Duct	Cyst	Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant	TGLs = 5-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700584

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 7-17]		
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Tunic	Mesothelioma Malignant	
	[Mesothelioma Malignant TGLs = 3-15]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
	[Leukemia Mononuclear TGLs = 1-6+7, 2,3-14+15]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-5]		
* Stomach, Forestomach		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700585

ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 643

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Diffuse, Mild
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 643

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700586

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLs = 2-14]

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLs = 3-15]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700587

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 667

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
	[Leukemia Mononuclear TGLs = 3-6+7]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-15]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 5-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 667

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700588

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 1-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 2-15]		
	[Hepatocellular Adenoma TGLs = 1-14]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700589

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-16]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
	Epithel Cell	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-14]		
	[Mixed Cell Focus TGLs = 3-15]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700590

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Cyst	Minimal
* Spleen		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Ectasia	Minimal
[Adenoma TGLs = 2-11]		Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Minimal
	[Cyst TGLs = 3-16]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2-15]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700591

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 1-14]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Mononuclear CI, Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700592

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi Pars Distalis	Respiratory Metaplasia Adenoma	Mild
* Pituitary Gland		Inflammation	Chronic, Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Basal Cell Adenoma	
* Skin		Cyst Epithelial Inclusion	
	[Basal Cell Adenoma TGLs = 3-15]		
	[Cyst Epithelial Inclusion TGLs = 4-16]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1,2,3-6+7+14+15]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 7-18]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700593

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 6-17]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 5-16]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 4-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Necrosis	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLs = 5-17]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-14]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700594

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-16]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	[Leukemia Mononuclear TGLs = 1,2-6+7+14]	Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 3-15]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-16]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700595

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

[Adenoma TGLs = 4-11]

Interstit Cell

Adenoma

* Thymus

Atrophy

Marked

Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Hyperplasia TGLs = 1-6+7]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700596

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Hyperplasia	Minimal
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 704

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Mammary Gland	Duct	Cyst	Minimal
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 704

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700597

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLs = 3-16]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Skin	Lymphatic, Subcut Tiss	Cyst	Moderate
[Cyst TGLs = 2-15]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Eye		Cataract	Minimal
	[Cataract TGLs = 1-10]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-6+7]		
* Lung		Leukemia Mononuclear	
Mesentery		Hemangioma	
	[Hemangioma TGLs = 6-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hemorrhage	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700598

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLs = 3-14]

[Leukemia Mononuclear TGLs = 2-5]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLs = 4-11]

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700599

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Olfactory Epi	Respiratory Metaplasia	Minimal
	Acinus	Atrophy	Mild
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 3-15]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700600

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 449

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: No corresponding microscopic finding for TGL2 (HDN-type deformity)			
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700602

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 519

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 2-5]		
* Liver	Hepatocyte	Fatty Change	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Stomach, Forestomach		Inflammation	Chronic, Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Atrophy	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Necrosis	Mild
	[Necrosis TGLs = 3-6+7]		
* Lung		Inflammation	Chronic, Moderate
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700604

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
	[Adenoma TGLs = 5-15]		
* Preputial Gland		Adenoma	
	[Adenoma TGLs = 1-14]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Inflammation	Chronic, Mild
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700605

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Inflammation	Mild
* Testes	Bilateral, Interstit Cell	Ectasia	Minimal
[Adenoma TGLs = 2-11]		Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyper trophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Olfactory Epi	Pigmentation	Minimal
	Pars Distalis	Adenoma	

[Adenoma TGLs = 1-14]

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700606

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 3-5]		
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2-6+7+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700607

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 5-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
	Glands	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 1-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
[Carcinoma TGLs = 4-8]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 15

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: The gross diagnosis of cause of moribund condition was chylothorax and microscopic results show nothing to confirm or deny this, as expected

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney	Papilla	Necrosis	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700609

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
	[Pheochromocytoma Malignant TGLs = 2-14]		
* Brain		Necrosis	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+15]		
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700610

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Mineralization	Mild
	[Mineralization TGLs = 2-15]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700611

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLs = 4-16]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule TGLs = 4-15]		
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLs = 2-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700612

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-11]

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 3-5]		
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Moderate
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Nose	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700613

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 714

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Hepatocellular Adenoma TGLs = 6-16]		
	[Leukemia Mononuclear TGLs = 5-6+7]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Olfactory Epi	Respiratory Metaplasia	Minimal
	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 714

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700614

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLs = 2-14]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700615

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hyperplasia TGLs = 2-6+7]		
* Lung		Carcinoma	Metastatic (Thyroid Gland)
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700616

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
	[Carcinoma TGLs = 4-15]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney	Transit Epithe	Carcinoma	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700617

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLs = 3-15]			
* Preputial Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Eye		Cataract	Moderate
		Degeneration	Moderate
	[Cataract TGLs = 2-10]		
	[Degeneration TGLs = 3-10]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
		Foreign Body	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700618

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Marked
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700619

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 685

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 2-15]		
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Necrosis	Moderate
	[Necrosis TGLs = 3-16]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 685

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700620

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Inflammation Adenoma	Chronic, Moderate
[Adenoma TGLs = 1-14]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Hyperplasia	Minimal
		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Marked
* Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Schwannoma Malignant

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Epididymis		Granuloma Sperm	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-6+7+14]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700621

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700622

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi Pars Distalis Pars Distalis	Respiratory Metaplasia Adenoma Hyperplasia	Mild Multiple Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLs = 2-14]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hypertrophy	Minimal Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700623

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 3-14]		
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700624

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700625

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLs = 4-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLs = 3-15]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Eye		Cataract	Moderate
	[Cataract TGLs = 5-10]		
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	[Fatty Change TGLs = 1-14]		
	[Hepatodiaphragmatic Nodule TGLs = 2-15]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700626

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-16]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 662

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLs = 2-8]		
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 3-5]		
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Necrosis	Mild
	[Necrosis TGLs = 5,6,7-6+7+15]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 662

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700627

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Chronic, Mild

[Adenoma TGLs = 1-14]

Inflammation

Marked

* Prostate

Inflammation

Mild

* Seminal Vesicle

Mineralization

Moderate

* Stomach, Glandular

Atrophy

Marked

* Thymus

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Eye	Retina	Atrophy Cataract	Moderate Moderate
	[Cataract TGLs = 2-10]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700628

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 4-15]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Trachea | * Urinary Bladder | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------|--------------------------------------|-----------------------|------------------|
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Angiectasis | Minimal |
| | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Degeneration | Cystic, Minimal |
| | | Eosinophilic Focus | |
| | Hepatocyte | Fatty Change | Minimal |
| | | Fibrosis | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| | Hepatocyte | Hypertrophy | Minimal |
| | | Inflammation | Chronic, Minimal |
| | | Ito Cell Tumor Benign | |
| | | Mixed Cell Focus | |
| | [Fibrosis TGLs = 2-15] | | |
| | [Mixed Cell Focus TGLs = 1-6+7+14] | | |
| * Lung | | Inflammation | Chronic, Minimal |
| Lymph Node | Mediastinal | Hyperplasia | Lymphoid, Mild |
| | Mediastinal | Infiltration Cellular | Histiocyte, Mild |
| | [Hyperplasia TGLs = 5-16] | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700629

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 3-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 710

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Cecum	* Intestine Small, Ileum	* Lymph Node, Mandibular
--------------------------	--------------------------	--------------------------

AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-6+7]		
* Lung		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Mild
	[Fibrosis TGLs = 4-16]	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2,3-14+15]	Necrosis	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
	Note: Adrenal cortical cytoplasmic alteration = cyst		
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 5-5]		
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Metaplasia	Osseous, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700631

ORGAN AND ACCOUNTABLE SITE STATUS

	[Adenoma TGLs = 3-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 2-15]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
	Glands	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	[Inflammation TGLs = 6-16]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700632

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 3-16]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700633

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700634

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-15]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Germinal Epith	Necrosis	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700635

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 3-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 692

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700636

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-11]

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 617

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 721

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
	[Nephropathy TGLs = 4-5]		
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLs = 6-6+7]		
	[Leukemia Mononuclear TGLs = 5-6+7]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-16]		
	[Leukemia Mononuclear TGLs = 8-15]		
* Nose	Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 721

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700638

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-17]		
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Ulcer	Moderate
	[Ulcer TGLs = 9-14]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Carcinoma	
	[Carcinoma TGLs = 10-8]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 626

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Necrosis	Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLs = 3-5]		
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Mild
	[Leukemia Mononuclear TGLs = 2-6+7]		
	[Necrosis TGLs = 7-15]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
* Mammary Gland		Fibroadenoma	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 626

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700639

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Mild
	Duct	Cyst	Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 6-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-14]		
* Stomach, Forestomach		Leukemia Mononuclear	
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2-6+7]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700640

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 4-8]	Olfactory Epi Pars Distalis	Respiratory Metaplasia Adenoma	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Testes [Adenoma TGLs = 3-11]	Interstit Cell	Adenoma	
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hypertrophy	Minimal Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 5-5]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 2-14]		
	[Mixed Cell Focus TGLs = 1-6+7]		
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Ectasia	Marked
	Mediastinal	Hyperplasia	Lymphoid, Mild
	[Ectasia TGLs = 6-15]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700641

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Atrophy	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 4-16]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Vacuolization Cytoplasmic	Focal, Minimal
	[Adenoma TGLs = 3-16]		
* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule TGLs = 2-15]		
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700642

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 645

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung	[Leukemia Mononuclear TGLs = 3-6+7]	Hyperplasia	Mild
	Alveolar Epith	Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 5-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 645

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700643

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-8]		
* Stomach, Forestomach		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Hyperplasia	Moderate
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 4-5]		
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 2-15]		
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700644

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
		Synechia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Basal Cell Adenoma	
	[Basal Cell Adenoma TGLs = 1-14]		
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Necrosis	Marked
* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-6+7+16, 2-16]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Necrosis	Moderate
	Note: Better diagnosis for mesenteric lymph node is infarct, but not available		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 3,5-14+15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700645

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 588

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Mild
		Leukemia Mononuclear	
		Nephropathy	Mild
	[Infarct TGLs = 6-14]		
* Liver	Hepatocyte	Fatty Change	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-6+7]		
	Lymph Node	Mediastinal	Leukemia Mononuclear
		Deep Cervical	Leukemia Mononuclear
	[Leukemia Mononuclear TGLs = 7-15]		
	[Leukemia Mononuclear TGLs = 1-17]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 588

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700646

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Inflammation	Chronic, Mild
* Spleen [Leukemia Mononuclear TGLs = 5-5]	Leukemia Mononuclear	
* Testes [Adenoma TGLs = 3-11]	Adenoma	
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 664

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Necrosis	Mild
* Lung		Inflammation	Chronic, Mild
* Mammary Gland	Duct	Cyst	Minimal
Mesentery		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 3-14+15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 664

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700647

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 4-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLs = 1-11]			
[Atrophy TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mesentery Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH - Heart Cardiomyopathy
- Liver Necrosis
- Prostate Inflammation
- Seminal Vesicle Inflammation

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 534

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Thrombosis	Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-14]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 534

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700648

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
		Necrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Necrosis	Mild
* Lung		Inflammation	Chronic, Moderate
		Thrombosis	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700649

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 2-14]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy
 CONTRIBUTORY CAUSE OF DEATH - Lung Thrombosis
 - Skin Subcut Tiss Schwannoma Malignant

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700650

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked
	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone		Osteosarcoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Moderate
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	[Fatty Change TGLs = 2-15]		
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 4-16]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700651

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 662

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 1-5]		
* Liver	Hepatocyte	Fatty Change	Moderate
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Duct	Cyst	Minimal
	Acinus	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 662

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700652

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach		Inflammation	Chronic, Moderate
[Inflammation TGLs = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Hyperplasia	Marked
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 2-15]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700653

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 3-16]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
Coagulating Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	[Leukemia Mononuclear TGLs = 1-6+7]	Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700654

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Mild
[Adenoma TGLs = 3-8]			
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 706

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLs = 4-16]		
	[Leukemia Mononuclear TGLs = 3,5-6+7+17]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 706

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700655

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-14]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 6-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700656

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 4-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 2-5]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 547

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Minimal
	[Leukemia Mononuclear TGLs = 2-6+7]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-15]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 547

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700657

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 660

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 3-5]		
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 4-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 1-14]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 660

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700658

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 588

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 3-6+7]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLs = 1-14]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 2-15]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 4-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Carcinoma	
	[Carcinoma TGLs = 5-17]		
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700660

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi	Respiratory Metaplasia	Minimal
		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLs = 6-8]			
* Preputial Gland		Carcinoma	
		Inflammation	Chronic, Mild
		Metaplasia	Cartilagenous, Mild
[Carcinoma TGLs = 1-15]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 3-16]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule TGLs = 2-15]		
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
		Hemorrhage	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700661

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 485

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Epididymis |
| * Esophagus | * Eye | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland | * Parathyroid Gland |
| * Preputial Gland | * Skin | * Stomach, Forestomach | * Testes |
| * Trachea | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|--------------------------|---------------------|-------------------------------|------------------|
| * Adrenal Cortex | | Vacuolization Cytoplasmic | Diffuse, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| [Leukemia Mononuclear | TGLs = 5,6-5+15] | | |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [Leukemia Mononuclear | TGLs = 3-6+7] | | |
| * Lung | | Leukemia Mononuclear | |
| [Leukemia Mononuclear | TGLs = 8-3+4] | | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [Leukemia Mononuclear | TGLs = 7,10-17+18] | | |
| [Leukemia Mononuclear | TGLs = 9-19] | | |
| [Leukemia Mononuclear | TGLs = 12-20] | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [Leukemia Mononuclear | TGLs = 4-16] | | |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| | | Foreign Body | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 485

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700662

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Leukemia Mononuclear	
		Respiratory Metaplasia	Minimal
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 11-8]		
* Prostate		Inflammation	Moderate
	[Inflammation TGLs = 1-13]		
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2,13-14]		
* Stomach, Glandular	Glands	Ectasia	Mild
* Testes			
	Note: No corresponding microscopic finding for mottled testes noted grossly (TGL 14)		
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Adenoma	
		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Adenoma	
	[Nephropathy TGLs = 6-5]	Nephropathy	Marked
* Liver	Bile Duct	Eosinophilic Focus	
	[Leukemia Mononuclear TGLs = 2-6+7]	Hyperplasia	Mild
	[Mixed Cell Focus TGLs = 3-15]	Leukemia Mononuclear	
* Lung		Mixed Cell Focus	
* Mammary Gland	Duct	Leukemia Mononuclear	
* Nose	Olfactory Epi	Cyst	Mild
	Respirat Epith	Atrophy	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700663

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 7-17]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Moderate
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 1-14]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-16]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLs = 7-11]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 4-5]		
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Moderate
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hyperplasia TGLs = 2-6+7]		
* Lung		Metaplasia	Osseous, Minimal
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLs = 5-14]		
* Nose	Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700664

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
	[Adenoma TGLs = 3-11]		
	[Mesothelioma Malignant TGLs = 6-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 2-5]		
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Lung		Carcinoma	Metastatic (Thyroid Gland)
Lymph Node	Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
	[Carcinoma TGLs = 5-16]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700665

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-14]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Ulcer	Moderate
[Ulcer TGLs = 6-17]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Carcinoma	
	Follicle	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Mild
[Carcinoma TGLs = 4-15]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700666

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
		Vacuolization Cytoplasmic	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700667

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Leukemia Mononuclear TGLs = 2-6+7]		
	[Mixed Cell Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700668

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 4-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Moderate
	[Cyst TGLs = 5-18]		
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLs = 1,2,3-14+15+16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700669

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLs = 7-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 4-17]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes			
Note: No corresponding microscopic finding for grossly evident testicular discoloration (TGL 6)			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Goblet Cell, Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700670

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Olfactory Epi	Respiratory Metaplasia	Minimal
* Preputial Gland	Acinus	Atrophy	Minimal
* Stomach, Glandular	Glands	Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Ectasia	Minimal
[Adenoma TGLs = 2-11]		Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus	TGLs = 1-6+7+14]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700671

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 2-8]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700672

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 3-15]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Minimal
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700673

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi	Respiratory Metaplasia	Mild
		Angiectasis	Mild
		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
[Angiectasis TGLs = 3-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Hyperplasia	Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
[Clear Cell Focus	TGLs = 1-6+7+14]		
* Nose	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700674

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLs = 2-11]	Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1-6+7]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Marked
	Goblet Cell, Respirat Epith	Hyperplasia	Moderate
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700675

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-8]

* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach		Inflammation	Chronic, Marked
		Ulcer	Mild
* Stomach, Glandular		Inflammation	Chronic, Marked
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 689

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Moderate
	Note: Autolysis precludes the diagnosis of other lesions per PWGC re-evaluation.		
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Cyst TGLs = 3-15]		
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-14]		
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 689

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700676

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700677

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic, Mild
* Thymus		Inflammation	Minimal
* Thyroid Gland		Atrophy	Marked
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-14]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 3-15]		
* Nose	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700678

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Acinus	Hyperplasia	Mild
* Spleen		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Leukemia Mononuclear	
[Adenoma TGLs = 2-11]		Adenoma	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 2-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700679

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild
[Adenoma TGLs = 4-16]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 706

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone		Osteosarcoma	
	[Osteosarcoma TGLs = 11-14]		
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
	Valve	Inflammation	Chronic, Moderate
	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Moderate
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
		Necrosis	Moderate
		Osteosarcoma	Metastatic (Bone)
	[Leukemia Mononuclear TGLs = 6-6+7]		
	[Necrosis TGLs = 7-16]		
* Lung		Cystic Keratinizing Epithelioma	
		Leukemia Mononuclear	
		Osteosarcoma	Metastatic (Bone)
	[Cystic Keratinizing Epithelioma TGLs = 8-17]		
	[Osteosarcoma TGLs = 9-3+4]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 706

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700680

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Ectasia	Mild
		Leukemia Mononuclear	
	[Ectasia TGLs = 10-18]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
		Osteosarcoma	Metastatic (Bone)
	[Leukemia Mononuclear TGLs = 3-19]		
	[Necrosis TGLs = 5-15]		
	[Osteosarcoma TGLs = 4-19]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation
 CONTRIBUTORY CAUSE OF DEATH - Bone Osteosarcoma
 - Lung Cystic Keratinizing Epithelioma
 - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 679

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Salivary Glands	* Skin	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 3-5]		
* Liver	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	[Hyperplasia TGLs = 4-6+7]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 6-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 679

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700681

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Adenoma TGLs = 1-8]	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLs = 2-5]	Leukemia Mononuclear	
* Stomach, Forestomach		Inflammation	Chronic, Marked
		Mineralization	Marked
		Ulcer	Marked
	[Ulcer TGLs = 7-15]		
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 5-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700682

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes [Adenoma TGLs = 2-11]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	Multiple
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 4-5]		
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	[Hyperplasia TGLs = 6-15]		
	[Hyperplasia TGLs = 5-14]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700683

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-5]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700684

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-14]		
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700685

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-6+7]		
* Lung		Leukemia Mononuclear	
	Lymph Node	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-15]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700686

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Olfactory Epi Acinus	Respiratory Metaplasia Atrophy	Moderate Minimal
* Pituitary Gland	Pars Distalis	Adenoma Leukemia Mononuclear	
	[Adenoma TGLs = 4-16]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-14]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hypertrophy	Minimal Minimal
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
	[Hypertrophy TGLs = 3-8]		
* Bone Marrow		Hyperplasia	Mild
* Eye	Antr Chamber	Inflammation	Suppurative, Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 2-5]		
* Liver		Degeneration	Cystic, Minimal
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700687

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
	[Inflammation TGLs = 1-13]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Mineralization	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Inflammation	Chronic, Moderate
		Mineralization	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

- Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLs = 4-16]		
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic, Minimal
		Necrosis	Mild
	[Hyperplasia TGLs = 5-6+7]		
* Lung		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Mild
	Note: Autolysis precludes diagnosis of other changes-per PWGC re-evaluation.		
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700688

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Chronic, Mild

[Adenoma TGLs = 1-14]

Leukemia Mononuclear

* Spleen

[Leukemia Mononuclear TGLs = 3-15]

Adenoma

* Testes

Interstit Cell

[Adenoma TGLs = 2-11]

Atrophy

Marked

* Thymus

Hyperplasia

Minimal

* Thyroid Gland

C Cell

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Liver Bile Duct Hyperplasia

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Marked
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Mild
	Hepatocyte	Eosinophilic Focus	
		Fatty Change	Minimal
		Inflammation	Chronic, Mild
		Necrosis	Moderate
	[Eosinophilic Focus TGLs = 3-15]		
	[Necrosis TGLs = 4-6+7+15]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 5-16]		
* Nose		Foreign Body	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700689

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation Chronic Active, Moderate

Note: Autolysis precludes diagnosis of other changes - per PWGC re-evaluation.

* Pancreas Acinus Atrophy Minimal

* Preputial Gland Carcinoma Inflammation Chronic, Mild

[Carcinoma TGLs = 1-14]

* Prostate Inflammation Mild

* Spleen Hematopoietic Cell Proliferation Mild

* Testes Bilateral, Interstit Cell Adenoma

[Adenoma TGLs = 2-11]

* Thymus Atrophy Marked

PRIMARY CAUSE OF DEATH - Heart Atrium Thrombosis

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 602

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Inflammation	Chronic, Moderate
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 3-16]		
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 4-17]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 5-18]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Marked
	[Inflammation TGLs = 6-19]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 602

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700690

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Keratoacanthoma	Multiple
	[Keratoacanthoma TGLs = 1,2-14+15]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Inflammation	Chronic, Moderate
* Stomach, Glandular		Mineralization	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
	[Pheochromocytoma Malignant TGLs = 4-8]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 3-5]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-6+7]		
* Nose		Atrophy	Moderate
	Olfactory Epi	Atrophy	Marked
	Nerve, Olfactory Epi	Fibrosis	Mild
	Submucosa	Hyperplasia	Marked
	Respirat Epith	Hyperplasia	Marked
	Goblet Cell, Respirat Epith	Hyperplasia	Marked
	Transit Epithe	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700691

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Marked
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Mild
		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 667

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Eye			
Note: Both optic nerves were missing			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
	[Mixed Cell Focus TGLs = 2-14]		
* Nose		Inflammation	Chronic Active, Mild
Note: Autolysis precludes diagnosis of other changes per PWGC re-evaluation.			

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 667

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700692

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 1-11]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-6+7+15]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Submucosa	Fibrosis	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700693

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Marked
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-5]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
	[Adenoma TGLs = 5-8]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1,2,3,4,5-6+7+14+15+16+17]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Submucosa	Fibrosis	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Marked
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700694

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 7-18]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 6-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
* Kidney		Nephropathy	Mild
	[Nephropathy TGLs = 1-5]		
* Liver		Degeneration	Cystic, Minimal
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
	[Leukemia Mononuclear TGLs = 3-6+7+14]	Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Submucosa	Fibrosis	Minimal
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700695

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hyperplasia	Moderate
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Hyperplasia	Mild
	[Adenoma TGLs = 5-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-5]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Submucosa	Fibrosis	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700696

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Leukemia Mononuclear	

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 675

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Necrosis	Moderate
	[Necrosis TGLs = 5-14]		
* Lung		Inflammation	Acute, Moderate
		Thrombosis	Moderate
	[Inflammation TGLs = 7-3]		
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLs = 1,2-6+15]		
* Nose		Inflammation	Chronic Active, Mild
	Note: Autolysis precludes diagnosis of other changes per PWGC re-evaluation.		
* Pancreas	Acinus	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 675

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700697

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell Tunic	Hematopoietic Cell Proliferation Adenoma Mesothelioma Malignant	Moderate
[Adenoma TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
[Adenoma TGLs = 6-8]			

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

CONTRIBUTORY CAUSE OF DEATH - Lung Inflammation

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 717

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
Blood Vessel		Thrombosis	Marked
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3,4-6+7+15]		
* Lung		Leukemia Mononuclear	
		Thrombosis	Marked
* Nose		Inflammation	Chronic Active, Moderate
	Note: Autolysis precludes diagnosis of other changes per PWGC re-evaluation.		
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 5-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 717

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700698

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLs = 1-14]

* Testes

Interstit Cell

Adenoma

[Adenoma TGLs = 2-11]

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 658

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands	* Skin
* Trachea			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
	[Hypertrophy TGLs = 2-8]		
Blood Vessel	Aorta	Mineralization	Moderate
* Heart		Cardiomyopathy	Mild
	Myocardium	Mineralization	Mild
* Kidney	Papilla	Necrosis	Marked
		Nephropathy	Marked
	[Necrosis TGLs = 3-5]		
* Liver	Hepatocyte	Basophilic Focus	
	Bile Duct	Fatty Change	Minimal
	Hepatocyte	Hyperplasia	Minimal
		Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
* Pancreas	Olfactory Epi	Respiratory Metaplasia	Mild
	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 658

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700699

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Marked
	[Inflammation TGLs = 4-13]		
* Seminal Vesicle		Inflammation	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Inflammation	Chronic, Moderate
		Ulcer	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH - Kidney Papilla Necrosis

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 695

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 1-5]		
* Liver	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 695

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700700

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Forestomach		Inflammation	Chronic, Mild
		Ulcer	Moderate
[Ulcer TGLs = 2-14]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 510

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Moderate
		Vacuolization Cytoplasmic	Diffuse, Moderate
	[Hypertrophy TGLs = 3-8]		
* Eye	Antr Chamber	Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1-10]		
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Hepatocyte	Fatty Change	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Fatty Change TGLs = 5-6+7+14]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 2-15]		
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 510

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700701

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLs = 4-8]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
	Glands	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Carcinoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 591

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Carcinoma	
	[Carcinoma TGLs = 2-19]		
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLs = 3-6+7+18]		
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
Peripheral Nerve	Axon	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 591

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700702

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Carcinoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Complex	
	[Pheochromocytoma Complex TGLs = 5-15]		
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 4-5]		
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Marked
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Nose		Atrophy	Mild
	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Hyperplasia	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Moderate
	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700703

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 7-17]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 1-14]		
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
	[Hyperplasia TGLs = 6-16]		

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 717

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung	[Leukemia Mononuclear TGLs = 2-6+7]	Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Necrosis	Mild
	[Leukemia Mononuclear TGLs = 4-14]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Necrosis	Mild
	[Leukemia Mononuclear TGLs = 3-15]		
* Nose		Inflammation	Chronic Active, Marked

Note: Autolysis precludes diagnosis of other changes per PWGC re-evaluation.

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 717

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700704

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
		Necrosis	Mild
	[Leukemia Mononuclear TGLs = 1-16]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 5-11]		
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Trachea		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy
- Lung Inflammation

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Submucosa	Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700705

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Testes	Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Moderate
	Submucosa	Fibrosis	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700706

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 640

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear	TGLs = 4-6+7]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Olfactory Epi	Respiratory Metaplasia	Mild
* Preputial Gland	Pars Distalis	Hyperplasia	Mild
		Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 640

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700707

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Chronic, Mild

* Skin [Adenoma TGLs = 2-15]

Subcut Tiss

Fibroma

* Spleen [Fibroma TGLs = 1-14]

Leukemia Mononuclear

* Testes

Interstit Cell

Adenoma

* Thyroid Gland [Adenoma TGLs = 3-11]

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Preputial Gland Adenoma

- Skin Subcut Tiss Fibroma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 568

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-9]		
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Inflammation	Acute, Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 568

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700708

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-5]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 3-15]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700709

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLs = 1-14]

* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Adenoma	
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Eye			
Note: Both optic nerves were missing			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1-6+7+14]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 2-15]		
* Nose		Inflammation	Chronic Active, Mild
Note: Autolysis precludes diagnosis of other changes per PWGC re-evaluation.			
* Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700710

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Submucosa	Fibrosis	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700711

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
	[Adenoma TGLs = 4-16]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Hyperplasia	Minimal
		Inflammation	Minimal
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 3-15]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 693

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain	Hippocampus	Necrosis	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Marked
	Oval Cell	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-6+7]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 693

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700712

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Marked
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Harderian Gland |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Trachea | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|--|-----------------------------|---------------------------|------------------------|
| * Adrenal Cortex | | Hypertrophy | Diffuse, Mild |
| | | Vacuolization Cytoplasmic | Diffuse, Minimal |
| Blood Vessel | Aorta | Mineralization | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Hydronephrosis | Moderate |
| | Pelvis | Inflammation | Acute, Marked |
| | | Nephropathy | Moderate |
| | [Inflammation TGLs = 4-5] | | |
| * Liver | | Basophilic Focus | |
| | | Degeneration | Cystic, Minimal |
| | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | Hepatocyte | Hypertrophy | Moderate |
| | | Inflammation | Chronic, Minimal |
| * Mammary Gland | Duct | Cyst | Minimal |
| | | Hyperplasia | Marked |
| | [Hyperplasia TGLs = 3-14] | | |
| * Nose | | Inflammation | Chronic Active, Marked |
| Note: Autolysis precludes diagnosis of other changes per PWGC re-evaluation. | | | |
| * Pancreas | Acinus | Atrophy | Minimal |
| | Acinus | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700713

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 1-8]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate [Inflammation TGLs = 5-13]		Inflammation	Moderate
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Glandular		Mineralization	Moderate
* Testes [Adenoma TGLs = 2-11]	Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Inflammation	Acute, Moderate
		Ulcer	Marked

PRIMARY CAUSE OF DEATH - Kidney Pelvis Inflammation

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 668

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 2-14]		
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 668

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700714

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Ulcer	Marked
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Marked
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 693

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 2-14]		
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Hyperplasia TGLs = 1-6+7]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 693

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700715

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 3-15]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 3-5]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-6+7+14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700716

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 554

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2-15]		
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 554

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700717

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLs = 1-14]

* Stomach, Glandular

Glands

Ectasia

Minimal

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLs = 3-11]

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 696

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 3-6+7+14]		
* Nose	Olfactory Epi	Atrophy	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Pancreas	Olfactory Epi	Respiratory Metaplasia	Mild
	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 696

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700718

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-8]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	Follicular Cel	Hypertrophy	Mild
[Adenoma TGLs = 1-8]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 673

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
		Vacuolization Cytoplasmic	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-16]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 673

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700719

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLs = 6-17]

* Preputial Gland

Inflammation

Chronic, Mild

* Prostate

Inflammation

Mild

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLs = 1,2-14+15]

* Stomach, Forestomach

Inflammation

Chronic, Moderate

Ulcer

Mild

* Stomach, Glandular

Mineralization

Mild

Ulcer

Mild

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLs = 4-11]

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Inflammation	Chronic, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
	[Inflammation TGLs = 3-8]		
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Moderate
		Necrosis	Moderate
		Thrombosis	Moderate
* Lung		Inflammation	Chronic, Mild
Mesentery		Thrombosis	Moderate
	[Thrombosis TGLs = 4-15]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700720

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas		Necrosis	Moderate
	[Necrosis TGLs = 2-14]		
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Glandular		Ulcer	Mild
* Testes	Germinal Epith	Atrophy	Marked
	[Atrophy TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Trachea		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH - Heart Atrium Thrombosis

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Mild
	[Basophilic Focus TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700721

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Pars Distalis	Hyperplasia Carcinoma Inflammation	Minimal Chronic, Mild
[Carcinoma TGLs = 2-15]			
* Testes	Interstit Cell	Hyperplasia	Moderate
[Hyperplasia TGLs = 3-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 709

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 2-5]		
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Minimal
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Lung	Alveolar Epith	Hyperplasia	Mild
		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Moderate
	Note: Autolysis precludes the diagnosis of other lesions per PWGC re-evaluation.		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 5-8]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 709

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700722

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Inflammation	Moderate
* Seminal Vesicle	Inflammation	Mild
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 1-5]		
* Testes	Interstit Cell	Adenoma
[Adenoma TGLs = 4-11]		
* Thymus	Atrophy	Marked
* Thyroid Gland	Follicular Cel	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-14]		
* Lung		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700723

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 3-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
	[Adenoma TGLs = 4-16]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear	TGLs = 1,2,3-6+7+14]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700724

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Hyperplasia TGLs = 5-15]	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Spleen [Leukemia Mononuclear TGLs = 6-16]		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes [Adenoma TGLs = 4-11]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-15]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700725

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 2-11]		
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 6-5]		
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2-14]		
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700726

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 8-18]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 9-19]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Mild
* Skin	Subcut Tiss	Hemorrhage	Moderate
	[Hemorrhage TGLs = 5,7-16+17]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 3-11]		
* Thymus		Atrophy	Marked
	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 505

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLs = 2-15]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Inflammation	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLs = 1-16]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
* Stom Forestom			
Note: No corresponding microscopic finding for grossly evident dark foci (TGL 3)			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 505

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700727

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 4-11]

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 701

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLs = 3-14]		
* Eye			
	Note: No corresponding microscopic finding for grossly-diagnosed left eye opacity (TGL 1)		
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 4-5]		
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic Active, Mild
	Note: Autolysis precludes diagnosis of other lesions per PWGC re-evaluation.		
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 701

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700728

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLs = 2-11]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 2-5]		
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700729

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-5]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Moderate
		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 581

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear	TGLs = 5-6+7]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Ectasia	Moderate
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Ectasia	TGLs = 6-16]		
[Leukemia Mononuclear	TGLs = 8-18]		
[Leukemia Mononuclear	TGLs = 3-15]		
* Nose	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 581

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700730

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Angiectasis TGLs = 7-17]	Angiectasis	Mild
* Preputial Gland	Inflammation	Chronic, Mild
* Prostate	Inflammation	Minimal
* Spleen [Leukemia Mononuclear TGLs = 4-5]	Leukemia Mononuclear	
* Testes [Adenoma TGLs = 2-11] Bilateral, Interstit Cell	Adenoma	
* Thymus	Atrophy	Marked
Zymbal's Gland [Carcinoma TGLs = 1-14]	Carcinoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Zymbal's Gland Carcinoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 600

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1-14]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-16]		
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 2-15]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 600

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700731

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Mild
* Testes	Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
	Myocardium	Mineralization	Mild
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Cyst	Mild
		Nephropathy	Marked
	[Cyst TGLs = 7-17]		
	[Nephropathy TGLs = 2-5+17]		
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic, Minimal
	Note: No corresponding microscopic finding for grossly observed hepatic nodule (TGL 5)		
	[Eosinophilic Focus TGLs = 4-6+7]		
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 6-16]		
* Nose	Olfactory Epi	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700732

ORGAN AND ACCOUNTABLE SITE STATUS

	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLs = 8-8]		
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
	[Atrophy TGLs = 3-5]		
* Stomach, Forestomach		Inflammation	Chronic, Moderate
	[Inflammation TGLs = 9-14]		
* Stomach, Glandular		Mineralization	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-11]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 201

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 2-14]		
	[Eosinophilic Focus TGLs = 3-15]		
	[Hepatodiaphragmatic Nodule TGLs = 1-13]		
* Lung		Cyst	
		Inflammation	Chronic, Minimal
	[Cyst TGLs = 5-17]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700734

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Cyst TGLs = 4-16]		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 3-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-15]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700735

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 551

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Basophilic Focus	
		Fatty Change	Mild
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 4-6+7+14]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 2-13]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-8]		
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 1-15]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 4-15]		
	[Hepatodiaphragmatic Nodule TGLs = 3-15]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,5-13+14+16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Parathyroid Gland		Adenoma	
* Pituitary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700737

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 6-8]	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 206

TRT#: 2

SEX: Female

DAY ON TEST: 498

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	Peripheral Nerve	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 3,5-17+19]		
	[Eosinophilic Focus TGLs = 4-18]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 1-20]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Hemorrhage	Minimal
* Pituitary Gland		Cyst	Minimal
Spinal Cord		Congestion	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Acute, Moderate
	[Inflammation TGLs = 2-5]		

PRIMARY CAUSE OF DEATH - Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 207

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 2-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Minimal
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 208

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1,2-14+15]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 3-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-17]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 209

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-6+7+13]		
	[Eosinophilic Focus TGLs = 2-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 3-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 209

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700741

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 4-8]

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
		Mineralization	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 210

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-6+7+13]		
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLs = 2-8]		
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 211

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Basophilic Focus	
		Fatty Change	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1,2-6+7+13]		
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 4-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
	[Cyst TGLs = 5-16]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 211

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700743

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 596

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Moderate
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,3-13+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Carcinoma	
	[Carcinoma TGLs = 2-14]		
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Ulcer	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 596

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700744

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Carcinoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 213

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 213

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700745

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-15]

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-14]		
	[Eosinophilic Focus TGLs = 2-15]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 3-16]		
* Spleen	Lymph Follic	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700746

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
	[Adenoma TGLs = 3-14]		
* Kidney		Infarct	Moderate
	[Inflammation TGLs = 2-5]	Inflammation	Chronic, Marked
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Cyst	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Adenoma	
	[Adenoma TGLs = 4-16]		
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Leukemia Mononuclear TGLs = 5-6+7]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,3-13+14+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700748

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 6-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 7-5]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Fibrosis	Minimal
		Hyperplasia	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-6+7+14]		
	[Hepatodiaphragmatic Nodule TGLs = 3-16]		
* Lung		Metaplasia	Osseous, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700749

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Glands

Ectasia

Minimal

* Thymus

Atrophy

Marked

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 2-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Minimal
	[Alveolar/Bronchiolar Adenoma TGLs = 5-17]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 4-16]		
* Skin		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLs = 3-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700750

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 2-15]		
	[Eosinophilic Focus TGLs = 3,5-16+18]		
	[Hepatodiaphragmatic Nodule TGLs = 1-14]		
	[Mixed Cell Focus TGLs = 4-17]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 6,7-19+20]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700751

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 8-21]		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-6+7+13]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700752

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Pars Distalis	Cyst	Mild
* Thymus	Glands	Hyperplasia	Moderate
* Thyroid Gland		Ectasia	Minimal
* Uterus	C Cell	Atrophy	Moderate
		Hyperplasia	Mild
		Polyp Stromal	
[Polyp Stromal TGLs = 3-14]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 4-8]		
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700753

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Mild
[Cyst TGLs = 3-15]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Moderate
		Inflammation	Chronic, Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
[Basophilic Focus TGLs = 3-15]			
[Mixed Cell Focus TGLs = 2-14]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLs = 4-13]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700754

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLs = 6-17]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLs = 7-18]			
* Thymus		Atrophy	Marked
		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 5-16]			

Animal Note: TGL 1 = NCL (No Corresponding Lesion)

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia Vacuolization Cytoplasmic Adenoma	Focal, Minimal Focal, Minimal
* Clitoral Gland [Adenoma TGLs = 2-14]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus Clear Cell Focus Hepatocyte Bile Duct	
		Fatty Change Hyperplasia Inflammation	Minimal Minimal Chronic, Minimal
	[Basophilic Focus TGLs = 1-6+7+13]		
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Hyperplasia	Mild Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 3-15]		
* Pituitary Gland	Pars Distalis	Adenoma Cyst	
	Pars Distalis	Hyperplasia	Mild Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700755

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 4-8]

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 698

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 2-14]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 3-15]		
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 698

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700756

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 4-8]	Pars Distalis	Adenoma	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 5-6+7+18]		
	[Hepatodiaphragmatic Nodule TGLs = 2-15]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Foreign Body	
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700757

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Hematopoietic Cell Proliferation	Minimal
* Thymus		Ectasia	Minimal
* Thyroid Gland	C Cell	Atrophy	Moderate
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hypertrophy	Minimal
		Cyst	Mild
		Inflammation	Suppurative, Moderate
		Polyp Stromal	

[Inflammation TGLs = 4-17]

[Polyp Stromal TGLs = 3-16]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule TGLs = 1-13]		
	[Leukemia Mononuclear TGLs = 3-6+7]		
	[Mixed Cell Focus TGLs = 2-14]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 4-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Carcinoma	
		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700758

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLs = 5-16]

* Spleen

Leukemia Mononuclear

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 641

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 4,5-15+16]		
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 3-6+7+14]	Inflammation	Chronic, Minimal
* Ovary		Schwannoma Malignant	Metastatic (Intestine Small, Duodenum)
	[Schwannoma Malignant TGLs = 2-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Intestine Small, Duodenum Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 3-15]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Ovary		Cyst	Mild
	[Cyst TGLs = 4-16]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700760

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Pars Distalis Glands	Hyperplasia Ectasia	Moderate Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	 Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
	[Basophilic Focus TGLs = 1-6+7+13]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700761

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 5,6-17+18]		
	[Eosinophilic Focus TGLs = 2-14]		
	[Mixed Cell Focus TGLs = 3,4-15+16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland		Cyst	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700762

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 4-16]		
* Lung		Metaplasia	Osseous, Minimal
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,3-13+14+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 5-17]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700763

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
	[Cyst TGLs = 3-14]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-13]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700764

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[Basophilic Focus TGLs = 1-14]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 4-16]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700765

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Leukemia Mononuclear
Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 713

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Trachea	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
* Liver	Hepatocyte	Basophilic Focus	
	Bile Duct	Fatty Change	Moderate
		Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
	[Fatty Change TGLs = 4-15]		
	[Leukemia Mononuclear TGLs = 3,8-6+7+19]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 6-17]		
	[Leukemia Mononuclear TGLs = 7-18]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 9-20]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 5-16]		
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 713

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700766

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-13]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLs = 2-14]

* Stomach, Forestomach

Leukemia Mononuclear

* Stomach, Glandular

Leukemia Mononuclear

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Leukemia Mononuclear

Hyperplasia

Minimal

* Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-6+7+13]		
	[Eosinophilic Focus TGLs = 2-14]		
	[Mixed Cell Focus TGLs = 2-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 3,4-15+16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700767

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Hematopoietic Cell Proliferation	Minimal
* Thymus		Ectasia	Minimal
* Thyroid Gland	Bilateral, C Cell	Atrophy	Marked
	Follicular Cel	Adenoma	
		Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 3-15]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Ovary		Tubulostromal Adenoma	
	[Tubulostromal Adenoma TGLs = 4-11]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700768

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
[Adenoma TGLs = 5-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Basophilic Focus	
		Fatty Change	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-6+7+13]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 2,3-14+15]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 4-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 5-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700769

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 454

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Schwannoma Malignant	

[Schwannoma Malignant TGLs = 1-13]

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 688

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1-13]		
	[Mixed Cell Focus TGLs = 2-14]		
* Mammary Gland	Duct	Cyst	Minimal
Mesentery	Fat	Necrosis	Minimal
	[Necrosis TGLs = 3-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-16]		
* Stomach, Glandular	Glands	Hyperplasia	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 688

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700771

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700772

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 587

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Hydrocephalus	Marked
	[Hydrocephalus TGLs = 3-9]		
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Pigmentation	Lipofuscin, Mild
	[Pigmentation TGLs = 2-5]		
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 4-6+7+13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Spleen	Lymph Follic	Atrophy	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 614

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 4-16]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 3-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 614

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700774

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLs = 2-14]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Olfactory Epi	Respiratory Metaplasia	Minimal
	Pars Distalis	Adenoma	
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700775

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-14]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 2-13]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Hyperplasia	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-13]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 3-15]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700776

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 653

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
* Liver	Hepatocyte	Basophilic Focus	
		Fatty Change	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-6+7]		
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Mild
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	[Adenoma TGLs = 3-14]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-13]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 653

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700777

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Leukemia Mononuclear

Adenoma

* Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 663

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0700778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Lung | * Lymph Node, Mesenteric | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-------------------|------------------------------|-------------------------------|------------------|
| * Adrenal Cortex | | Vacuolization Cytoplasmic | Diffuse, Minimal |
| | | Vacuolization Cytoplasmic | Focal, Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Liver | Hepatocyte | Fatty Change | Mild |
| | | Inflammation | Chronic, Minimal |
| | | Necrosis | Moderate |
| * Mammary Gland | | Fibroadenoma | |
| | [Fibroadenoma TGLs = 1-13] | | |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | [Adenoma TGLs = 2-14] | | |
| * Spleen | Lymph Follic | Atrophy | Marked |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 713

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone Marrow		Hemorrhage	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2,3,5,6-14+15+16+17]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700780

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 3-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-16]		
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLs = 2-14]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700781

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Mammary Gland | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Trachea | * Urinary Bladder |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|--------------------------|---------------------------------------|----------------------------------|---------------------|
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Colon | | Parasite Metazoan | Minimal |
| * Kidney | Renal Tubule | Mineralization | Mild |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Inflammation | Chronic, Mild |
| | | Mixed Cell Focus | |
| | [Basophilic Focus TGLs = 1-6+7+20] | | |
| | [Mixed Cell Focus TGLs = 2,3-14+15] | | |
| * Lung | | Inflammation | Chronic, Minimal |
| Lymph Node | Pancreatic | Congestion | Moderate |
| | [Congestion TGLs = 7-19] | | |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Moderate |
| | Goblet Cell, Respirat Epith | Hyperplasia | Mild |
| * Pancreas | Acinus | Atrophy | Minimal |
| * Pituitary Gland | | Cyst | Mild |
| | [Cyst TGLs = 10-8] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | [Hyperplasia TGLs = 4,5,6-16+17+18] | Hyperplasia | Histiocytic, Marked |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700782

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Mild
		Inflammation	Suppurative, Mild

[Cyst TGLs = 8,9-21]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 609

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
		Fatty Change	Focal
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
		[Basophilic Focus TGLs = 3-6+7+15]	
		[Hepatodiaphragmatic Nodule TGLs = 2-14]	
* Mammary Gland		Fibroadenoma	
		[Fibroadenoma TGLs = 4-16]	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
		[Cyst TGLs = 5-8]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 609

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700783

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Follicular Cel	Hypertrophy	Minimal
Vagina	Endometrium	Hyperplasia	Cystic, Minimal
		Schwannoma Malignant	
[Schwannoma Malignant TGLs = 1-13]			

PRIMARY CAUSE OF DEATH - Vagina Schwannoma Malignant

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Moderate
	[Inflammation TGLs = 1-12]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2,3-13+14]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 6-16]		
* Nose	Transit Epithe	Hyperplasia	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700784

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 5-8]

* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLs = 4-15]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 629

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Minimal
	[Leukemia Mononuclear TGLs = 2-6+7]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 3-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Pancreas	Olfactory Epi	Pigmentation	Minimal
	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 629

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700785

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLs = 5-8]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-5]		
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	[Adenoma TGLs = 1-8]		
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 2-14]		
	[Eosinophilic Focus TGLs = 4-16]		
	[Hepatodiaphragmatic Nodule TGLs = 3-15]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 5-17]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700787

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 6-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 660

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 660

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700788

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-8]

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

* Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 3-15]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700789

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Polyp Stromal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 2-14]		
	[Mixed Cell Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLs = 6-8]		
* Skin	Subcut Tiss	Schwannoma Malignant	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700790

ORGAN AND ACCOUNTABLE SITE STATUS

[Schwannoma Malignant TGLs = 5-17]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 3,4-15+16]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 259

TRT#: 4

SEX: Female

DAY ON TEST: 383

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 3-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700792

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Basophilic Focus TGLs = 1-6+7+13]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700793

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 2,3,4-6+7+14+15+16]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700794

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
[Adenoma TGLs = 5-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 2-6+7+14]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
* Ovary		Cyst	Mild
	[Cyst TGLs = 4-11]		
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLs = 6-8]		
* Spleen		Hyperplasia	Histiocytic, Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700795

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 3-15]			
* Stomach, Glandular	Glands	Ectasia Inflammation	Mild Chronic, Minimal
* Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hypertrophy	Minimal Mild
* Uterus	Endometrium	Hyperplasia Inflammation Polyp Stromal	Cystic, Mild Suppurative, Minimal
[Polyp Stromal TGLs = 5-16]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Diffuse, Minimal
* Harderian Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 2-14]		
	[Eosinophilic Focus TGLs = 2-14]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland		Cyst	Minimal
	[Cyst TGLs = 3-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700796

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1-13]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700797

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

Ectopic Parathyroid Gland

Minimal

* Thyroid Gland

C Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 433

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-13]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700799

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
		Ectopic Thyroid	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 3-15]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-6+7+13]		
	[Eosinophilic Focus TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700800

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700801

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 2-14]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1-13]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 3,4-15+16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700802

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 6-18]	Pars Distalis	Adenoma	Multiple
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[Polyp Stromal TGLs = 5-17]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 711

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Minimal
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Liver	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLs = 2-13]		
	[Leukemia Mononuclear TGLs = 1,3-6+7]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Chronic Active, Mild
Note: Autolysis precludes further evaluation.			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	[Angiectasis TGLs = 5-14]		
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 692

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
	[Carcinoma TGLs = 4-16]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Degeneration	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Carcinoma	
	Follicular Cel	Hypertrophy	Minimal
	[Carcinoma TGLs = 2-14]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 692

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700804

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Thyroid Gland C Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lymph Node Mediastinal Carcinoma Thyroid Gland
- Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 644

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Marked
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Leukemia Mononuclear	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Spleen		Infarct	Moderate
		Leukemia Mononuclear	
		Thrombosis	Moderate
	[Infarct TGLs = 3-14]		
	[Leukemia Mononuclear TGLs = 2-13]		
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 644

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700805

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Inflammation

Chronic, Moderate

Ulcer

Moderate

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Heart Atrium Thrombosis

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 670

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Brain	Hypothalamus	Congestion	Minimal
	Artery, Meninges	Inflammation	Chronic, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Eye	Retina	Atrophy	Moderate
	[Cataract TGLs = 2-10]	Cataract	Moderate
* Harderian Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700807

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 560

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLs = 3-15]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Ovary		Cyst	Mild
[Cyst TGLs = 2-14]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
		Mineralization	Mild
		Ulcer	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 560

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700808

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Necrosis	Moderate
		Polyp Stromal	

[Polyp Stromal TGLs = 1-13]

PRIMARY CAUSE OF DEATH - Uterus Polyp Stromal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 696

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Brain | * Esophagus | * Eye | * Harderian Gland |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mesenteric | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Trachea | * Urinary Bladder | * Uterus |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-------------------|--|----------------------------------|------------------|
| * Bone Marrow | | Hyperplasia | Minimal |
| * Clitoral Gland | | Inflammation | Chronic, Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Liver | | Basophilic Focus | |
| | Ito Cell | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| * Mammary Gland | | Fibroadenoma | Multiple |
| | [Fibroadenoma TGLs = 1,2,3,4,5-13+14+15+16+17] | | |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| | Olfactory Epi | Atrophy | Minimal |
| | Olfactory Epi | Pigmentation | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | | Atrophy | Marked |
| * Thyroid Gland | Follicular Cel | Hypertrophy | Minimal |

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Adenoma	
	[Adenoma TGLs = 2-13]		
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	[Leukemia Mononuclear TGLs = 1-6+7]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Mild
	[Fibroadenoma TGLs = 2,3-13+14]	Fibroadenoma	Multiple
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700810

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 6-17]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 4,5-15+16]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 475

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Basophilic Focus	
		Fatty Change	Mild
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
		Mineralization	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Fatty Change	Focal
		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 5-17]		
	[Eosinophilic Focus TGLs = 2,3,4-14+15+16]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland		Angiectasis	Mild
	[Angiectasis TGLs = 6-18]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700812

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Eye	Retina	Atrophy	Moderate
	[Cataract TGLs = 3-10]	Cataract	Moderate
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule TGLs = 2-13]		
	[Leukemia Mononuclear TGLs = 1-6+7]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 4-14]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700813

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 644

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
	[Leukemia Mononuclear TGLs = 3-6+7]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 1-13]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 644

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700814

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 380

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Adenoma	
	[Adenoma TGLs = 1-13]		
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
* Pituitary Gland		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Clitoral Gland Bilateral Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 609

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 4,5-16+17]		
	[Hepatodiaphragmatic Nodule TGLs = 3-15]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 609

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700816

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 2-14]	Pars Distalis	Adenoma	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Mammary Gland	Duct	Cyst	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	[Adenoma TGLs = 1-13]		
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Moderate
		Mineralization	Mild
	[Adenoma TGLs = 3-12+15]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1,2-13+14]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 4-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700818

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Inflammation Pigmentation	Chronic Active, Minimal Mild
* Ovary		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Adenoma Cyst	Minimal
	[Adenoma TGLs = 5-17]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 559

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 705

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 4-16]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,3-13+14+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 705

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700820

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Cyst	Minimal
* Thymus		Ectasia	Minimal
* Thyroid Gland		Atrophy	Marked
	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

[Adenoma TGLs = 5-17]

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 655

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Liver	Hepatocyte	Fatty Change	Mild
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
		Necrosis	Moderate
	[Hepatodiaphragmatic Nodule TGLs = 4-16]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Spleen	Lymph Follicle	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 4-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLs = 1-13]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700822

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

* Uterus

Polyp Stromal

[Polyp Stromal TGLs = 2-14]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 1-13+14]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	
	[Fibroadenoma TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700823

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-16]

* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 725

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Necrosis	Mild
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 725

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700824

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 4-16]	Olfactory Epi Pars Distalis	Pigmentation Adenoma	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hypertrophy	Minimal Minimal
Vagina [Schwannoma Malignant TGLs = 3-15]		Schwannoma Malignant	

PRIMARY CAUSE OF DEATH - Vagina Schwannoma Malignant

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 2-14]		
	[Eosinophilic Focus TGLs = 1-13]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700825

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 327

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Astrocytoma Malignant	
	[Astrocytoma Malignant TGLs = 3-9]		
* Clitoral Gland		Inflammation	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Hepatodiaphragmatic Nodule TGLs = 1-13]		
* Lung		Astrocytoma Malignant	Metastatic (Brain)
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Duct	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 2-14]		
	[Eosinophilic Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700827

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Marked
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Moderate
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
* Lung		Metaplasia	Osseous, Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 2,3-14+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700828

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 4-16]	Pars Distalis	Adenoma	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 4-16]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,3-13+14+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 5-17]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700829

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 639

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 3-14]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	[Adenoma TGLs = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 639

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700830

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Minimal
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: One clitoral gland was missing			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 2-14]		
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700831

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 588

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0700832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Carcinoma	
	[Carcinoma TGLs = 2-14]		
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 3-15]		
* Lung		Carcinoma	Metastatic (Adrenal Cortex)
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Adrenal Cortex Carcinoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 582

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Basophilic Focus	
		Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-13]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700834

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi	Respiratory Metaplasia	Mild
		Cyst	Mild
* Stomach, Glandular	Pars Distalis	Hyperplasia	Mild
* Thymus	Glands	Ectasia	Minimal
* Thyroid Gland		Atrophy	Marked
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus		Polyp Stromal	

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 303

TRT#: 6

SEX: Female

DAY ON TEST: 652

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 7,8-6+7+19]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,3-13+14+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4,5,6-16+17+18]		
* Stomach, Glandular		Ulcer	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 303

TRT#: 6

SEX: Female

DAY ON TEST: 652

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700835

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700836

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Trachea		Inflammation	Chronic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 2,3-14+15]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 4-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Transit Epithe	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700837

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	[Adenoma TGLs = 5,6-17]		
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 306

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	[Basophilic Focus TGLs = 1-13]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 306

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700838

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Olfactory Epi	Respiratory Metaplasia	Mild
[Cyst TGLs = 3-15]		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 3,5-15+16]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-14+17]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700839

ORGAN AND ACCOUNTABLE SITE STATUS

Oral Mucosa		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma	TGLs = 4-13]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700840

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
	[Leukemia Mononuclear TGLs = 4-6+7]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-16]		
	[Leukemia Mononuclear TGLs = 7-18]		
	[Leukemia Mononuclear TGLs = 8-19]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 6-17]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700841

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Regeneration	Minimal
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Urinary Bladder		Leukemia Mononuclear	

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 310

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
	[Eosinophilic Focus TGLs = 1,2-13+14]		
* Mammary Gland	Duct	Cyst	Moderate
		Fibroadenoma	
	[Cyst TGLs = 5-17]		
	[Fibroadenoma TGLs = 3-15]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 4-16]		
* Nose	Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 310

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700842

ORGAN AND ACCOUNTABLE SITE STATUS

	Nerve, Olfactory Epi	Atrophy	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 6-18]		
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2-14]		
	[Mixed Cell Focus TGLs = 1,3-13+15]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 5-17]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 7-19]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700843

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 6-18]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Eye			
Note: Lens missing from one eye			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700844

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 1-13]	Pars Distalis	Adenoma	
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700845

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 3-15]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 710

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------|---|------------------------------|--------------------------|
| * Adrenal Cortex | | Vacuolization Cytoplasmic | Diffuse, Minimal |
| | | Vacuolization Cytoplasmic | Focal, Minimal |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Marked |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | Hepatocyte | Fatty Change | Mild |
| | | Fatty Change | Focal |
| | Bile Duct | Hyperplasia | Minimal |
| | Hepatocyte | Hypertrophy | Moderate |
| | | Inflammation | Chronic, Minimal |
| | | Necrosis | Minimal |
| | [Clear Cell Focus TGLs = 4-15] | | |
| | [Eosinophilic Focus TGLs = 5,6,9-16+17+20] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 10-21] | | |
| * Mammary Gland | | Fibroadenoma | Multiple |
| | [Fibroadenoma TGLs = 2,3-13+14] | | |
| * Nose | | Inflammation | Chronic Active, Moderate |
- Note: Autolysis precludes diagnosis of other changes.

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 710

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700846

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLs = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLs = 8-19]			
* Stomach, Glandular	Glands	Ectasia	Minimal
		Ulcer	Moderate
[Ulcer TGLs = 7-18]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 315

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 315

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700847

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Decidual Reaction	Mild
		Polyp Stromal	

[Polyp Stromal TGLs = 1-13]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 656

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Intestine Large, Cecum		Inflammation	Chronic, Mild
* Liver	Hepatocyte	Basophilic Focus	
		Fatty Change	Mild
		Inflammation	Chronic, Minimal
		Necrosis	Mild
	[Necrosis TGLs = 2-14]		
* Lung		Thrombosis	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLs = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
	Glands	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	[Adenoma TGLs = 3-15]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 656

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700848

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLs = 1-13]			
* Eye		Cataract	Mild
[Cataract TGLs = 3-10]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLs = 2-14]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700849

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Polyp Stromal	

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 3-15]		
	[Mixed Cell Focus TGLs = 1,2-13+14]		
* Lung		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 4-16]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700850

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic, Minimal
* Eye	Retrobulbar	Inflammation	Chronic, Mild
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 4-16]		
	[Mixed Cell Focus TGLs = 3-15]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Respirat Epi	Adenoma	
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epi	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700851

ORGAN AND ACCOUNTABLE SITE STATUS

	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
	[Cyst TGLs = 5-17]		
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-13]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Carcinoma	
	Follicle	Hyperplasia	Mild
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700852

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 3-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLs = 5-16]		
	[Leukemia Mononuclear TGLs = 1-13]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700853

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi Pars Distalis	Respiratory Metaplasia Adenoma Cyst	Mild Minimal
[Adenoma TGLs = 4-8]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLs = 3-15]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hypertrophy	Minimal Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Eye		Cataract	Mild
	[Cataract TGLs = 1-10]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 5-16]		
	[Eosinophilic Focus TGLs = 4-15]		
	[Mixed Cell Focus TGLs = 3-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700854

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi Pars Distalis	Pigmentation Adenoma Cyst	Mild Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hypertrophy	Minimal Minimal
* Uterus		Polyp Stromal	

[Polyp Stromal TGLs = 2-13]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLs = 2-14]			
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLs = 3,4,5-15+16+17]			
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLs = 1-13]			
* Nose	Respirat Epi	Adenoma	
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700855

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Minimal
[Adenoma TGLs = 6-18]			
* Spleen		Hyperplasia	Histiocytic, Marked
[Hyperplasia TGLs = 7-19]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700856

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 474

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 644

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	[Basophilic Focus TGLs = 4,6-15+17]		
	[Eosinophilic Focus TGLs = 5-16]		
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 644

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700858

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-8]

* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLs = 7-18]

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 721

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Skin	* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Uterus)
		Hyperplasia	Focal, Mild
		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
* Esophagus		Carcinoma	Metastatic (Uterus)
	[Carcinoma TGLs = 7-17]		
* Eye			
	Note: Both optic nerves were missing		
* Intestine Small, Ileum		Carcinoma	Metastatic (Uterus)
	[Carcinoma TGLs = 6-7]		
* Kidney		Carcinoma	Metastatic (Uterus)
* Liver		Carcinoma	Metastatic (Uterus)
	Hepatocyte	Fatty Change	Moderate
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic, Minimal
		Necrosis	Mild
	[Fatty Change TGLs = 4-15]		
	[Necrosis TGLs = 5-16]		
* Lung		Carcinoma	Metastatic (Uterus)
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Uterus)
* Nose		Inflammation	Chronic Active, Mild

Note: Autolysis precludes diagnosis of other changes.

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700860

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Carcinoma	Metastatic (Uterus)
* Pancreas		Carcinoma	Metastatic (Uterus)
	[Carcinoma TGLs = 3-6]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 9-8]		
Skeletal Muscle		Carcinoma	Metastatic (Uterus)
* Spleen	Lymph Follic	Atrophy	Marked
		Necrosis	Mild
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Ulcer	Moderate
	[Ulcer TGLs = 11-20]		
* Stomach, Glandular		Ulcer	Moderate
	[Ulcer TGLs = 10-19]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Carcinoma	Metastatic (Uterus)
* Uterus		Carcinoma	
	[Carcinoma TGLs = 1,2,8-13+14+18]		

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 655

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Necrosis	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Mild
	[Eosinophilic Focus TGLs = 2-13]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Eye		Degeneration	Moderate
	[Degeneration TGLs = 6-8]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 7-18]		
	[Eosinophilic Focus TGLs = 4,5,7-16+17+18]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,3-13+14+15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700862

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Moderate
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 3,4,5-15+16+17]		
	Lymph Node	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 2-14]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700863

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Eye | * Harderian Gland |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-------------------|---|-------------------------------|------------------|
| * Adrenal Cortex | | Hyperplasia | Focal, Mild |
| | | Vacuolization Cytoplasmic | Focal, Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Focal |
| | Bile Duct | Hyperplasia | Minimal |
| | Hepatocyte | Hypertrophy | Mild |
| | | Inflammation | Chronic, Minimal |
| | | Mixed Cell Focus | |
| | [Clear Cell Focus TGLs = 3-15] | | |
| | [Eosinophilic Focus TGLs = 1,4-13+16] | | |
| | [Mixed Cell Focus TGLs = 2-14] | | |
| * Mammary Gland | | Fibroadenoma | Multiple |
| | [Fibroadenoma TGLs = 5,6,7-17+18+19] | | |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| | Olfactory Epi | Pigmentation | Mild |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700864

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Olfactory Epi Acinus	Respiratory Metaplasia Atrophy	Mild Minimal
* Pituitary Gland [Cyst TGLs = 8-8]		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Intestine Large, Cecum		Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
	[Leukemia Mononuclear TGLs = 1-6+7]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland	Duct	Cyst	Minimal
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 3-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-13]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700865

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 580

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
	[Hydronephrosis TGLs = 2-5]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-6+7]		
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
* Nose		Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
	Olfactory Epi		
* Ovary		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1-13]		
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 580

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700866

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Minimal

* Uterus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Fatty Change	Focal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 4,5-16+17]		
	[Hepatodiaphragmatic Nodule TGLs = 3-15]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700867

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700868

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi	Respiratory Metaplasia	Mild
		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLs = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Cyst	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Mild
		Inflammation	Chronic, Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 4,5-15+16]		
	[Mixed Cell Focus TGLs = 3-14]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700869

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	[Adenoma TGLs = 2-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	
	[Polyp Stromal TGLs = 1-13]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Eye		Cataract	Moderate
	[Cataract TGLs = 1-10]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 5-15]		
	[Eosinophilic Focus TGLs = 4-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700870

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
	[Cyst TGLs = 3-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
	[Adenoma TGLs = 4-8]		
* Clitoral Gland		Inflammation	Chronic, Minimal
* Eye	Retina	Atrophy	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 5,6,7-15+16+17]		
* Lung		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 2,8-14+18]		
* Nose	Olfactory Epi	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700871

ORGAN AND ACCOUNTABLE SITE STATUS

	Nerve, Olfactory Epi	Atrophy	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLs = 3-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Marked
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Carcinoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700872

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Minimal

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1-13]		
* Lung		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700873

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

* Thyroid Gland

C Cell

Hyperplasia

Mild

Follicular Cel

Hypertrophy

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 533

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
	[Carcinoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 3-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland		Cyst	Mild
	[Cyst TGLs = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLs = 4-15]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 533

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700874

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Clitoral Gland Carcinoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 2,3-14+15]		
* Mammary Gland		Fibroadenoma	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700875

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 664

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Minimal
	[Cyst TGLs = 2-5+14]		
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 664

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700876

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Hematopoietic Cell Proliferation	Mild
* Thymus		Ectasia	Minimal
* Thyroid Gland		Atrophy	Marked
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 2-12]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hyperplasia TGLs = 1-6+7]		
* Lung		Inflammation	Chronic, Mild
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 3-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700877

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Polyp Stromal TGLs = 4-14]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2,4-14+16]		
	[Mixed Cell Focus TGLs = 1-13]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700878

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	

[Polyp Stromal TGLs = 3-15]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-6+7]		
* Lung		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 6-17]		
	[Leukemia Mononuclear TGLs = 7-18]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-16]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0700879

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLs = 1-13]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-15]		
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1,2-13+14]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 4-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700880

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland			Cyst	Mild
		Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 5-8]			
* Stomach, Glandular		Glands	Ectasia	Minimal
* Thymus			Atrophy	Marked
* Thyroid Gland		C Cell	Hyperplasia	Minimal
		Follicular Cel	Hypertrophy	Minimal
* Uterus		Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 3-15]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 6-18]		
	[Clear Cell Focus TGLs = 1,2-13+14]		
	[Eosinophilic Focus TGLs = 5-17]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 4-16]		
* Nose	Respirat Epi	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700881

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Mild
[Cyst TGLs = 3-15]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 2,3-14+15]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 4-16]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700882

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 637

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Adenoma TGLs = 2-14]		
	[Hyperplasia TGLs = 3-14]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Adenoma	
	Follicular Cel	Hypertrophy	Mild
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 637

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700883

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 1-13]		
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 2-14]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700884

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLs = 4-16]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Adenoma	
		Inflammation	Suppurative, Minimal
[Adenoma TGLs = 3-15]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2,3,4-6+7+14+15]		
* Lung		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
	[Necrosis TGLs = 6-17]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700885

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 5-16]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 3-12]		
* Heart		Cardiomyopathy	Mild
* Kidney		Mesenchymal Tumor Malignant	
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Hyperplasia TGLs = 2-6+7+13]		
	[Leukemia Mononuclear TGLs = 1-13]		
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700886

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Cyst TGLs = 4-8]	Olfactory Epi	Respiratory Metaplasia Cyst	Mild Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland [Adenoma TGLs = 5-8]	C Cell C Cell Follicular Cel	Adenoma Hyperplasia Hypertrophy	Minimal Mild
* Uterus [Cyst TGLs = 6-14]		Cyst Inflammation	Mild Suppurative, Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 622

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea			

MISSING

* Lymph Node, Mandibular	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Harderian Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
[Basophilic Focus	TGLs = 1-6+7+13]		
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 622

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700887

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

Polyp Stromal

[Polyp Stromal TGLs = 2-14]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700888

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
		Hemorrhage	Mild
	[Hemorrhage TGLs = 1-13]		
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
	[Cyst TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 2-14]		
	[Eosinophilic Focus TGLs = 1-13]		
	[Mixed Cell Focus TGLs = 3-15]		
* Mammary Gland	Duct	Cyst	Mild
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 4,5-16+17]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 6-18]		
* Nose	Olfactory Epi	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700889

ORGAN AND ACCOUNTABLE SITE STATUS

	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 7-19]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Bilateral	Adenoma	
	[Adenoma TGLs = 1-12]		
* Eye		Cataract	Mild
	Retina	Hemorrhage	Moderate
		Retinal Detachment	Moderate
	[Cataract TGLs = 3-10]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 4,5,6,8-14+15+16+17]		
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700890

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLs = 2-13]

* Nose		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland		Cyst	Mild
	[Cyst TGLs = 7-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Clitoral Gland Bilateral Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Fatty Change	Focal
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear	TGLs = 1,2,3-6+7+13+14+15]		
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis	TGLs = 5-17]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700891

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-16]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Eye		Cataract	Mild
	[Cataract TGLs = 10-10]		
* Heart		Cardiomyopathy	Moderate
	Myocardium	Mineralization	Minimal
* Kidney		Infarct	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
		Inflammation	Chronic, Mild
		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700892

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLs = 3,4,5,9-15+16+17+20]

[Necrosis TGLs = 2,7,8-14+18+19]

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLs = 1-13]

* Pituitary Gland

Cyst

Mild

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Thymus

Atrophy

Marked

* Thyroid Gland

C Cell

Carcinoma

Follicular Cel

Hypertrophy

Mild

[Carcinoma TGLs = 6-8]

PRIMARY CAUSE OF DEATH

- Heart Cardiomyopathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 618

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 1-5]		
* Liver	Hepatocyte	Fatty Change	Mild
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Inflammation	Chronic, Marked
		Ulcer	Moderate
	[Ulcer TGLs = 2-13]		
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 618

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700893

ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 362

TRT#: 8

SEX: Female

DAY ON TEST: 521

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Mild
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
		Necrosis	Moderate
	[Hepatodiaphragmatic Nodule TGLs = 3-14]		
	[Necrosis TGLs = 2-6+7]		
* Nose	Olfactory Epi	Hyperplasia	Minimal
	Transit Epi	Hyperplasia	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
	[Cyst TGLs = 4-15]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 362

TRT#: 8

SEX: Female

DAY ON TEST: 521

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700894

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLs = 1-13]

PRIMARY CAUSE OF DEATH - Uterus Polyp Stromal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 3-15]		
	[Mixed Cell Focus TGLs = 2-14]		
* Lung		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 4-16]		
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700895

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLs = 5-17]

* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLs = 1-13]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700896

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Pars Distalis Glands	Hyperplasia Ectasia	Mild Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 566

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-13]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 566

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700897

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone		Hyperostosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain		Granular Cell Tumor Malignant	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Clear Cell Focus TGLs = 3-14]		
	[Leukemia Mononuclear TGLs = 1,2-6+7+13+14]		
* Lung		Granular Cell Tumor Malignant	Metastatic (Brain)
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 4-15]		
* Nose	Olfactory Epi	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700898

ORGAN AND ACCOUNTABLE SITE STATUS

	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 232

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLs = 1-13]			
* Nose		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLs = 2-6]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Ulcer

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 3-14]		
	[Eosinophilic Focus TGLs = 1,4,5-13+15+16]		
* Lung		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700900

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 2-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 587

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0700901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
Larynx		Foreign Body	Mild
	Note: Foreign material in lumen interpreted to confirm dosing accident.		
	[Foreign Body TGLs = 2-14]		
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland		Cyst	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 47

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 533

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Basophilic Focus	
		Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLs = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1-13]		
	[Mixed Cell Focus TGLs = 2-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700904

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	[Cyst TGLs = 4-16]		
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 3-15]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Diffuse, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 4,5-15+16]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700905

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 3-8]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
		Ectopic Thyroid	Mild
* Thyroid Gland	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus		Cyst	Mild
		Inflammation	Suppurative, Mild
		Polyp Stromal	
	[Cyst TGLs = 1-13]		
	[Polyp Stromal TGLs = 2-14]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Brain	Hippocampus	Necrosis	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-13]		
* Mammary Gland	Duct	Cyst	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 2-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700906

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 3-15]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicle	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
	[Infarct TGLs = 2-5]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700907

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Trachea		Inflammation	Chronic, Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
	[Pheochromocytoma Malignant TGLs = 1-13]		
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	[Eosinophilic Focus TGLs = 2,3-14+15]		
Lymph Node		Ectasia	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLs = 5-17]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700908

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Marked
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 6-18]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus		Cyst	Mild
		Inflammation	Suppurative, Mild
	[Cyst TGLs = 4-16]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Clitoral Gland		Adenoma	
		Hyperplasia	Mild
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 3-15]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 2-14]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 4,5,6-16+17+18]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700909

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 7-19]		
* Stomach, Glandular	Glands	Ectasia	Minimal
		Mineralization	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule TGLs = 2-14]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 3-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700910

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Pars Distalis	Respiratory Metaplasia	Minimal
* Pituitary Gland		Adenoma	
[Adenoma TGLs = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hyperplasia TGLs = 5-16]		Hyperplasia	Histiocytic, Marked
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700911

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-8]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLs = 1-13]			

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-13]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 3,4-15+16]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700912

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Ovary		Cyst	Mild
	[Cyst TGLs = 2-14]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1,2-14+15]		
* Lung		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
* Lymph Node, Mesenteric		Pigmentation	Hemosiderin, Mild
	[Pigmentation TGLs = 5-17]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700914

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
	[Hyperplasia TGLs = 4-16]		
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Carcinoma	
	Follicular Cel	Hypertrophy	Mild
	[Carcinoma TGLs = 3-13]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 571

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 4,5-15+16]		
	[Eosinophilic Focus TGLs = 4-15]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 3-14]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLs = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 571

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700915

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLs = 1-13]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLs = 1-13]		
	[Leukemia Mononuclear TGLs = 5-6+7+13]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-3+4]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-15]		
* Mammary Gland		Fibroadenoma	
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700916

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-14]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Infarct	Mild
		Nephropathy	Minimal
	[Infarct TGLs = 11,12-22+23]		
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 6,7-18+19]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700917

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Regeneration	Minimal
	Olfactory Epi	Respiratory Metaplasia	Mild
* Ovary		Cyst	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 10-8]		
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLs = 3-15]		
* Spleen		Hyperplasia	Histiocytic, Marked
	[Hyperplasia TGLs = 4,5,8-16+17+20]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
* Uterus		Cyst	Mild
	[Cyst TGLs = 9-21]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Islets, Pancreatic
* Kidney	* Lung	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland			

AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 1-13]		
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 3,4,5-15+16+17]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700918

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 6-18]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

CONTRIBUTORY CAUSE OF DEATH - Clitoral Gland Adenoma

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 2-14]		
* Mammary Gland	Duct	Cyst	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700919

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 3-15]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 449

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLs = 1-13]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 449

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0700920

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Mild
	[Eosinophilic Focus TGLs = 1,2-13+14]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700921

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
	[Adenoma TGLs = 5-16]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 4-6+7+13+15]		
	[Eosinophilic Focus TGLs = 1-13]		
* Lung		Inflammation	Chronic, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700922

ORGAN AND ACCOUNTABLE SITE STATUS

	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLs = 3-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
		Polyp Stromal	
	[Polyp Stromal TGLs = 2-14]		

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Moderate
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve, Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700923

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 2-14]	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1-13]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Moderate
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700924

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Minimal
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Hyperplasia TGLs = 1-6+7]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve, Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700925

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Polyp Stromal TGLs = 2-13]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 672

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Diffuse, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Mild
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
Note: No corresponding microscopic lesion for TGL 6 (caudate lobe nodule, 2x1x1 mm) [Eosinophilic Focus TGLs = 2,3,4,5-14+15+16+17]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 672

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700926

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Ovary		Cyst	Mild
	[Cyst TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 263

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Pancreas

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Diffuse, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
	[Adenoma TGLs = 4-16]		
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
* Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Hypertrophy	Marked
		Necrosis	Moderate
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2,3-13+14+15]		
* Pituitary Gland	Pars Distalis	Carcinoma	
		Cyst	Minimal
	[Carcinoma TGLs = 6-8]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0700928

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hypertrophy

Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Heart Atrium Thrombosis

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	[Eosinophilic Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
	Duct	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700929

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
[Adenoma TGLs = 2-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Minimal
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Respiratory Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
Time Report Requested: 15:18:25
First Dose M/F: 03/23/05 / 03/24/05
Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700930

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Ginkgo biloba extract
 CAS Number: 90045-36-6

Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Basophilic Focus TGLs = 1-6+7+13]		
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	[Ectasia TGLs = 4-16]		
	[Hyperplasia TGLs = 4-16]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 99031 - 03
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DISP: Terminal Sacrifice

HISTO: 0700931

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLs = 3-15]

* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Respiratory Metaplasia	Mild
* Pituitary Gland		Cyst	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

TDMS No. 99031 - 03
 Test Type: CHRONIC
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Date Report Requested: 01/12/2011
 Time Report Requested: 15:18:25
 First Dose M/F: 03/23/05 / 03/24/05
 Lab: BAT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	[Clear Cell Focus TGLs = 1-13]		
	[Eosinophilic Focus TGLs = 2-14]		
* Mammary Gland	Duct	Cyst	Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve, Olfactory Epi	Atrophy	Mild
	Respirat Epith	Hyperplasia	Mild
	Goblet Cell, Respirat Epith	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

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

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DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0700932

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
	Olfactory Epi	Regeneration	Minimal
	Olfactory Epi	Respiratory Metaplasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Carcinoma	
	Pars Distalis	Hyperplasia	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hypertrophy	Mild

*** END OF REPORT ***