

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

F2_RE

NTP Study Number:	C20203		
Lock Date:	11/12/2010		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
	25018 DACC		
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	3.0.2.0_001		
PWG Approval Date:	NONE		

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 Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 538

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Joint	Sarcoma	
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Moderate
* Liver		Fatty Change	Moderate
		Hematopoietic Cell Proliferation	Mild
		Necrosis	Minimal
	Hepatocyte	Regeneration	Moderate
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Schwannoma Malignant	Metastatic (Skin)
* Pancreas	Acinus	Hyperplasia	Minimal
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Inflammation	Mild
* Skin	Subcut Tiss	Sarcoma	Metastatic (Bone)
	[Sarcoma TGLs = 1-14]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes		Atrophy	Mild
		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 538

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901293

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma Bone

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Date Report Requested: 12/20/2013
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 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901294

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Pigmentation	Minimal
	Respirat Epith	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-15]		
* Skin		Ulcer	Marked
	[Ulcer TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901296

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
		Inflammation	Suppurative, Mild
	Olfactory Epi	Pigmentation	Minimal
* Parathyroid Gland		Hyperplasia	Mild

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 Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901297

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Prostate	Epithelium	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	
		Mesothelioma Malignant	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901298

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 Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Osteoma	
	[Osteoma TGLs = 1-14]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular		Mineralization	Minimal

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 Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901299

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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Dilatation	Mild
	[Dilatation TGLs = 3-12]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-15]		
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

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 Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 519

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901300

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
	[Adenoma TGLs = 1-14]		
* Seminal Vesicle	Epithelium	Hyperplasia	Minimal
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Moderate
		Inflammation	Mild
	[Hyperplasia TGLs = 2-15]		
* Testes		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

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 Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901301

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Eye	Retina	Hyperplasia	Reticulum Cell, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Marked
* Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

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 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

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 Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901303

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule		
	TGLs = 1-14]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901304

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Hyperplasia	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin		Basal Cell Adenoma	
	[Basal Cell Adenoma TGLs = 1-14]		
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901305

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
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLs = 3-3+4]	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Lipoma	
	[Lipoma TGLs = 1-14]		
* Thyroid Gland	Follicle	Cyst	Marked
	[Cyst TGLs = 2-15]		

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 Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Brain		Granular Cell Tumor Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Mild
	Papilla	Necrosis	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Preputial Gland		Carcinoma	
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 1-15]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
Tooth		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901307

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Minimal
	Papilla	Necrosis	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
	[Inflammation TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
* Skin		Basal Cell Adenoma	
	[Basal Cell Adenoma TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901308

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLs = 2-6+7+15]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLs = 1-14]			

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901309

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Amyloid Deposition	Mild
* Skin		Cyst Epithelial Inclusion	
	[Cyst Epithelial Inclusion TGLs = 1-14]		
* Thymus		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901310

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	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
Mesentery		Necrosis	Moderate
	[Necrosis TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901311

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 4-16]		
* Skin		Cyst Epithelial Inclusion	
		Squamous Cell Papilloma	
	[Cyst Epithelial Inclusion TGLs = 2-15]		
	[Squamous Cell Papilloma TGLs = 1-14]		
* Testes		Atrophy	Minimal
		Degeneration	Cystic, Moderate
	[Degeneration TGLs = 3-11]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 519

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901312

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Granulocytic, Moderate
		Necrosis	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Angiectasis	Minimal
	Hepatocyte	Atrophy	Marked
		Deformity	Minimal
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Minimal
Note: TGL4 = atrophy of caudate lobe only			
			[Angiectasis TGLs = 3-16]
			[Atrophy TGLs = 4-17]
* Lung		Squamous Cell Carcinoma	Metastatic (Skin)
	[Squamous Cell Carcinoma	TGLs = 6-18]	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
* Skin		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma	TGLs = 1-14]	
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation	TGLs = 2-15]	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 519

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901312

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Squamous Cell Carcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901313

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
		Inflammation	Suppurative, Mild
* Skin		Ulcer	Marked
	[Ulcer TGLs = 1,2-14+15]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Inflammation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901314

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Skin		Ulcer	Marked
[Ulcer TGLs = 1-14]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901316

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-15]		
* Testes		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901317

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	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
Mesentery		Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 2-15]		
* Nose	Olfactory Epi	Pigmentation	Mild
	Respirat Epith	Pigmentation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Prostate		Inflammation	Marked
	[Inflammation TGLs = 3-16]		
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-14]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes		Atrophy	Minimal
		Degeneration	Cystic, Moderate
	[Degeneration TGLs = 4-17]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901319

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, Mandibular	* 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
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 1-14]		
* Thymus		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 505

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-14]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901321

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Ulcer	Marked
[Ulcer TGLs = 1,2-14+15]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901324

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Granuloma Sperm	Moderate
		Spermatocele	Marked
	[Spermatocele TGLs = 2-15]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-17]		
* Skin		Hamartoma	
	[Hamartoma TGLs = 1-14]		
* Testes		Atrophy	Moderate
	[Atrophy TGLs = 3-16]		
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Esophagus		Inflammation	Marked
	[Inflammation TGLs = 2-16]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLs = 3-3+4]		
* Nose		Foreign Body	
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-17]		
* Skin		Hyperplasia	Mild
		Inflammation	Minimal
	[Hyperplasia TGLs = 1-15]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Granular Cell Tumor Benign	
	[Granular Cell Tumor Benign TGLs = 1-9+14]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLs = 3-3+4]		
* Nose		Foreign Body	
		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-15]		
* Seminal Vesicle		Inflammation	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901328

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Intestine Large, Rectum	Parasite Metazoan	
* Kidney	Nephropathy	Mild
* Liver	Basophilic Focus	
	Clear Cell Focus	
* Lung	Inflammation	Chronic Active, Minimal
* Testes	Atrophy	Minimal
	Degeneration	Cystic, Moderate

[Degeneration TGLs = 1-14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 604

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Brain		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
* Eye	Cornea	Inflammation	Moderate
* Harderian Gland		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Plasma Cell, Moderate
	[Hyperplasia TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Olfactory Epi	Necrosis	Mild
		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLs = 3-1+2+16]		
* Skin		Inflammation	Moderate
	[Inflammation TGLs = 1-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 604

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901329

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Atrophy

Marked

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Oral Mucosa Gingival Squamous Cell Carcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901331

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Mild
	[Cyst TGLs = 1-14]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Prostate	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901332

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 519

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Osteosarcoma	Metastatic (Bone)
* Adrenal Medulla		Osteosarcoma	Metastatic (Bone)
	[Osteosarcoma TGLs = 1-14]		
* Bone		Osteosarcoma	
	[Osteosarcoma TGLs = 3-18]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
		Osteosarcoma	Metastatic (Bone)
	[Osteosarcoma TGLs = 2-5]		
* Lung		Osteosarcoma	Metastatic (Bone)
	[Osteosarcoma TGLs = 4,5,6,7-3+4+15+16]		
Lymph Node	Mediastinal	Hemorrhage	Mild
	[Hemorrhage TGLs = 9-17]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Inflammation	Suppurative, Minimal
* Pancreas		Basophilic Focus	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hemorrhage	Mild
	[Hemorrhage TGLs = 8-3]		

PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 674

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901334

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-14]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 629

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901335

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLs = 1-14]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Testes		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 668

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901336

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
Lymph Node	Mediastinal	Degeneration	Cystic, Moderate
[Degeneration TGLs = 2-15]			
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLs = 1-14]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901338

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Focal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Skin		Ulcer	Marked
[Ulcer TGLs = 1,2-15+16]			
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperkeratosis	Marked
	Epithelium	Hyperplasia	Marked
		Inflammation	Marked
[Inflammation TGLs = 3-17]			
* Stomach, Glandular		Inflammation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901339

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	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Moderate
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Prostate		Inflammation	Marked
	[Inflammation TGLs = 2-13]		
* Skin		Cyst Epithelial Inclusion	
	[Cyst Epithelial Inclusion TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 539

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-14]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLs = 2-6]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Epithelium Hyperplasia

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901342

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 645

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901343

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 5-17]		
* Skin		Hyperplasia	Marked
		Ulcer	Mild
	[Hyperplasia TGLs = 3-16]		
	[Ulcer TGLs = 1,2,4-14+15+16]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 52

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901344

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
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 4-16]		
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLs = 2-15]		
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
Mesentery		Necrosis	Moderate
	[Necrosis TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-8]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 671

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Blood Vessel	Adventitia, Aorta	Leiomyosarcoma	Metastatic (Stomach, Forestomach)
* Bone Marrow		Hyperplasia	Mild
* Esophagus		Leiomyosarcoma	Metastatic (Stomach, Forestomach)
	[Leiomyosarcoma TGLs = 2-15]		
* Eye	Retina	Atrophy	Minimal
* Heart		Leiomyosarcoma	Metastatic (Stomach, Forestomach)
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Leiomyosarcoma	Metastatic (Stomach, Forestomach)
	[Leiomyosarcoma TGLs = 4-4]		
* Lymph Node, Mandibular		Degeneration	Cystic, Moderate
* Lymph Node, Mesenteric		Degeneration	Cystic, Marked
	[Degeneration TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pancreas		Leiomyosarcoma	Metastatic (Stomach, Forestomach)
* Salivary Glands		Atrophy	Mild
* Spleen		Depletion Lymphoid	Mild
* Stomach, Forestomach		Leiomyosarcoma	
	[Leiomyosarcoma TGLs = 3-16]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901346

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	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Liposarcoma	
		Nephropathy	Minimal
	[Liposarcoma TGLs = 2-15]		
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLs = 1-14]		
Ureter		Liposarcoma	Metastatic (Kidney)
	[Liposarcoma TGLs = 3-16]		

PRIMARY CAUSE OF DEATH - Kidney Liposarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901347

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, Mandibular
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Necrosis	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Degeneration	Cystic, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Foreign Body	
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-16]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin	Sebaceous GI	Adenoma	
	[Adenoma TGLs = 2-15]	Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901347

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 1-14]

* Thyroid Gland

C Cell

Hyperplasia

Mild

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 631

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* 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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Glioma Malignant	
	[Glioma Malignant TGLs = 1-9]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Marked

PRIMARY CAUSE OF DEATH - Brain Glioma Malignant

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Lung		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901350

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Skin		Ulcer	Marked
[Ulcer TGLs = 1-14]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 59

TRT#: 1

SEX: Male

DAY ON TEST: 525

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901351

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	* Lung	* Lymph Node, Mandibular	* 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			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Inflammation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLs = 1-14]			

PRIMARY CAUSE OF DEATH - Zymbal's Gland Carcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
	[Infiltration Cellular TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Thyroid Gland	Bilateral, C Cell	Adenoma	

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901354

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Minimal
	Lamina Propria	Mineralization	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Basal Cell Adenoma	
	[Basal Cell Adenoma TGLs = 1-14]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901355

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	[Basophilic Focus TGLs = 3-7]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
		Foreign Body	
	Turbinate	Hyperostosis	Minimal
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Mild
* Seminal Vesicle		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901355

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

Ulcer

Marked

[Ulcer TGLs = 1,2-14+15]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901356

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Focal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Mild
* Skin		Cyst Epithelial Inclusion	
	[Cyst Epithelial Inclusion TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901357

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901358

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
		Foreign Body	
	Turbinat	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Moderate
	Olfactory Epi	Pigmentation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901359

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle		Inflammation	Minimal
* Skin		Cyst Epithelial Inclusion	

[Cyst Epithelial Inclusion TGLs = 1-14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901360

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
	[Carcinoma TGLs = 1-14]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Turbinate	Deformity	
	Nasopharyn Dct	Foreign Body	
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901360

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Pigmentation	Mild
	Lamina Propria	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901361

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Respirat Epith	Pigmentation	Minimal
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLs = 1-14]		
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901362

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Minimal
	Turbinates	Deformity	
		Foreign Body	
		Inflammation	Suppurative, Moderate
	Nasopharynx Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901363

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Minimal
		Degeneration	Cystic, Marked
	[Degeneration TGLs = 1-11]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 692

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901364

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
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Nasopharyn Dct	Foreign Body	
		Foreign Body	
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-14]		
* Testes	Interstit Cell	Adenoma	Multiple
	[Adenoma TGLs = 2-15]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Infiltration Cellular	Lipocyte, Marked
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-14]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901366

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
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Eye	Retina	Dysplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
* Lymph Node, Mandibular		Degeneration	Cystic, Moderate
* Lymph Node, Mesenteric		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1-14]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-15]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Olfactory Epi	Pigmentation	Mild
	Lamina Propria	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901366

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle		Inflammation	Minimal
* Spleen		Hemangiosarcoma	Metastatic (Lymph Node, Mesenteric)
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901367

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901368

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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-14]		
* Testes		Atrophy	Marked
		Degeneration	Cystic, Marked
	[Degeneration TGLs = 2-15]		

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901369

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum	Muscularis	Hyperplasia	Marked
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 1-8]		
* Testes		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901370

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	* Preputial Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart	Endocardium	Hyperplasia	Moderate
		Schwannoma Malignant	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pancreas		Lipomatosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901370

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Marked

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 661

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Esophagus		Inflammation	Mild
* Heart		Cardiomyopathy	Mild
* Liver	Portal	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-15]		
* Thymus		Thymoma Benign	
	[Thymoma Benign TGLs = 1-14]		

PRIMARY CAUSE OF DEATH - Thymus Thymoma Benign

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901372

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Pigmentation	Moderate
* Lung		Inflammation	Chronic Active, Minimal
Mesentery		Necrosis	Moderate
	[Necrosis TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Hyperostosis	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Focal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Prostate	Epithelium	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901374

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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lymph Node, Mandibular		Degeneration	Cystic, Moderate
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinate	Deformity	
	Epithelium, Nasopharyn Dct	Degeneration	Mild
	Turbinate	Hyperostosis	Minimal
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Preputial Gland		Inflammation	Marked
	[Inflammation TGLs = 1-12]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 645

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain		Granular Cell Tumor Benign	
	[Granular Cell Tumor Benign TGLs = 2-9]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Epithelium, Nasopharyn Dct	Metaplasia	Squamous, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Brain Granular Cell Tumor Benign

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901376

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Pigmentation	Moderate
		Vacuolization Cytoplasmic	Focal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Mild
	Lumen	Pigmentation	Histiocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 541

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901377

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, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Fatty Change	Mild
* Nose		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-14]			
* Spleen		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901378

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Lamina Propria	Mineralization	Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin		Ulcer	Marked
	[Ulcer TGLs = 2-15]		
* Testes		Atrophy	Moderate
	[Degeneration TGLs = 1-14]	Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901379

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Moderate
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild
		Nephropathy	Minimal
	[Hydronephrosis TGLs = 5-5]		
* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Granulocytic, Mild
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal
* Lung		Carcinoma	Metastatic (Prostate)
Mesentery		Inflammation	Marked
	[Inflammation TGLs = 3-15]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pancreas		Carcinoma	Metastatic (Prostate)
	[Carcinoma TGLs = 6,7-17]		
* Prostate		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901379

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLs = 4-16]	Inflammation	Marked
* Seminal Vesicle	Carcinoma	Metastatic (Prostate)
Spinal Cord	Degeneration	Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLs = 2-5]		
* Stomach, Forestomach	Epithelium	Hyperplasia
		Ulcer
* Stomach, Glandular	Mucosa	Necrosis
* Testes		Atrophy
[Atrophy TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia
PRIMARY CAUSE OF DEATH	- Prostate Carcinoma	

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 513

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901380

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
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Complex TGLs = 2-15]	Pheochromocytoma Complex	
* Heart	Cardiomyopathy	Mild
* Liver	Clear Cell Focus	
* Skin [Trichoepithelioma TGLs = 1-14]	Trichoepithelioma	
* Thyroid Gland C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Complex

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901381

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Minimal
	[Angiectasis TGLs = 3-8]		
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
	[Hydronephrosis TGLs = 4-5]		
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Olfactory Epi	Pigmentation	Mild
	Pars Intermed	Adenoma	
	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Skin		Ulcer	Marked
	[Ulcer TGLs = 1-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901381

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Atrophy

Minimal

* Thyroid Gland

C Cell

Hyperplasia

Moderate

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 636

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
* Prostate		Inflammation	Moderate
* Skin		Basal Cell Adenoma	
		Cyst Epithelial Inclusion	
	Subcut Tiss	Fibroma	
		Ulcer	Marked
	[Basal Cell Adenoma TGLs = 4-17]		
	[Cyst Epithelial Inclusion TGLs = 2-15]		
	[Fibroma TGLs = 3-16]		
	[Ulcer TGLs = 1-14]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 636

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901382

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 344

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901383

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Moderate
* Liver		Inflammation	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Heart Cardiomyopathy

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901384

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901385

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Basal Cell Adenoma	
	[Basal Cell Adenoma TGLs = 1-14]		
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal
	[Adenoma TGLs = 2-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 584

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901386

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, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular	Mucosa	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901387

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, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Minimal
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Intermed	Adenoma	
	[Adenoma TGLs = 1-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Mild
		Ulcer	Moderate
	[Ulcer TGLs = 2-6]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain	Ventricle	Developmental Malformation	
	Note: Ectopic adipose connective tissue in ventricle.		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Suppurative, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Respirat Epith	Pigmentation	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901389

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 | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------|----------------|-------------------------------|-----------------------|
| * Adrenal Cortex | | Hypertrophy | Mild |
| * Bone Marrow | | Hyperplasia | Histiocytic, Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Mixed Cell Focus | |
| | | Vacuolization Cytoplasmic | Focal |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| | Alveolus | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hyperplasia | Plasma Cell, Moderate |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Mild |
| | Respirat Epith | Accumulation, Hyaline Droplet | Minimal |
| | Respirat Epith | Pigmentation | Mild |
| * Prostate | Epithelium | Hyperplasia | Mild |
| * Testes | | Atrophy | Minimal |
| | | Degeneration | Cystic, Marked |

[Degeneration TGLs = 1-14]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901389

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
Tooth

C Cell

Hyperplasia
Odontoma

Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901390

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
		Foreign Body	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901390

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901391

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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Necrosis	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Pigmentation	Minimal
* Spleen		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901392

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
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-8]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901393

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, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin	Hair Follicle	Cyst Epithelial Inclusion	Multiple
	[Cyst Epithelial Inclusion TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901394

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
	[Angiectasis TGLs = 1-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal
* Testes		Atrophy	Moderate
		Degeneration	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901394

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLs = 2-15]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901395

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Eye	Ciliary Body	Inflammation	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
* Nose	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Testes		Atrophy	Minimal
		Degeneration	Cystic, Marked

[Degeneration TGLs = 1-14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Focal
[Vacuolization Cytoplasmic	TGLs = 1-14]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 604

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Granular Cell Tumor Benign	
	[Granular Cell Tumor Benign TGLs = 1-9+14]		
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Moderate
* Pituitary Gland	Pars Distalis	Atrophy	Minimal
	[Atrophy TGLs = 2-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Mild
		Ulcer	Mild
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Brain Granular Cell Tumor Benign

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 650

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-14]		
* Prostate	Epithelium	Hyperplasia	Minimal
* Seminal Vesicle	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 608

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Prostate	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901400

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Eye		Synechia	Mild
	[Synechia TGLs = 1-10]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
		Nephropathy	Minimal
	[Cyst TGLs = 3-14]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
* Testes		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901400

ORGAN AND ACCOUNTABLE SITE STATUS

Degeneration

Cystic, Marked

[Degeneration TGLs = 2-11]

Hyperplasia

Mild

* Thyroid Gland

C Cell

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901401

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
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Mild
	Respirat Epith	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple

[Adenoma TGLs = 1-8]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901401

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium	Hyperplasia	Minimal
* Skin	[Basosquamous Tumor Malignant TGLs = 2-14]	Basosquamous Tumor Malignant	
* Testes		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901402

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Moderate
	Olfactory Epi	Pigmentation	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
* Seminal Vesicle	Epithelium	Hyperplasia	Minimal
* Skin		Hyperplasia	Mild
	[Hyperplasia TGLs = 1-14]		
* Testes		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901403

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	[Basophilic Focus TGLs = 1-14]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach	Epithelium	Degeneration	Hydropic, Mild
	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901404

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	
* Nose	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 646

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Esophagus	Muscularis	Degeneration	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Turbinate	Deformity	
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thymus		Thymoma Benign	
	[Thymoma Benign TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Thymus Thymoma Benign

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901406

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
	[Hydronephrosis TGLs = 1-5]	Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
		Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Glandular	Mucosa	Hyalinization	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901407

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLs = 1-8]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901408

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
		Adenoma	
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	[Adenoma TGLs = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901409

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Turbinate	Deformity	
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901409

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes		Atrophy	Moderate

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901410

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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain		Glioma Malignant	
* Heart		Schwannoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
* Pituitary Gland	Pars Nervosa	Adenoma	

PRIMARY CAUSE OF DEATH - Brain Glioma Malignant

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Brain		Glioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Lipoma	
		Nephropathy	Minimal
	[Lipoma TGLs = 3-16]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 1-14]		
* Testes		Atrophy	Marked
	[Atrophy TGLs = 2-15]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901412

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 585

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901413

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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLs = 1-14]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901414

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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Testes		Atrophy	Minimal
		Degeneration	Cystic, Marked
	[Degeneration TGLs = 1-11]		

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901415

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	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Eye	Retina	Atrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-7]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Moderate
	Turbinates	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901416

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901417

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Eye	Retina	Atrophy	Marked
		Cataract	Minimal
		Synechia	Marked
	[Synechia TGLs = 3-10]		
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901417

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Lamina Propria	Pigmentation	Minimal
* Testes	Epithelium	Hyperplasia	Minimal
		Atrophy	Mild
		Degeneration	Cystic, Marked

[Degeneration TGLs = 1,2-11+14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901418

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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Minimal
	Olfactory Epi	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Testes		Atrophy	Minimal
		Degeneration	Cystic, Moderate
	[Degeneration TGLs = 1-11]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901419

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
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
Mesentery		Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
		Foreign Body	
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901419

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Pars Intermed	Hyperplasia	Mild
[Squamous Cell Papilloma	TGLs = 1-14]	Squamous Cell Papilloma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901420

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Granuloma Sperm	Moderate
	[Granuloma Sperm TGLs = 2-15]		
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Marked
		Degeneration	Cystic, Marked
	[Degeneration TGLs = 1-14]		
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901420

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Nose	Nerve	Atrophy	Moderate
	Turbinates	Deformity	
	Turbinates	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 1-14]		
* Testes		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 643

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901422

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, Ileum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum * Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1,3-3+4]		
* Nose	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Mild
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular		Cyst	Squamous
	[Cyst TGLs = 2-14]		

PRIMARY CAUSE OF DEATH - Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901423

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901424

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
* Nose	Olfactory Epi	Atrophy	Minimal
	Nasopharyn Dct	Foreign Body	
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 1-15]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901425

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901426

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Marked
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Bile Duct	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
	[Infiltration Cellular TGLs = 2-3]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Epithelium, Nasopharyn Dct	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901427

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Mild
* Parathyroid Gland		Hyperplasia	Mild
Note: TGL3 = 1 parathyroid gland (hyperplasia) and one thyroid gland (c-cell adenoma). [Hyperplasia TGLs = 3-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLs = 1-14]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Note: one thyroid gland = normal [Adenoma TGLs = 3-8]			

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Jejunum	Muscularis	Hyperplasia	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
	[Angiectasis TGLs = 2-6]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
	[Infiltration Cellular TGLs = 3-3+4]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Epithelium, Nasopharyn Dct	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Testes		Atrophy	Mild
		Degeneration	Cystic, Marked
	[Degeneration TGLs = 1-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901428

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901429

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Inflammation	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Focal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 608

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Urinary Bladder			

OBSERVATIONS

Blood Vessel	Adventitia, Aorta	Inflammation	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
	Epicardium	Inflammation	Minimal
* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
	Epithelium	Regeneration	Mild
* Intestine Small, Ileum	Mucosa	Necrosis	Mild
* Kidney		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Suppurative, Marked
	[Infiltration Cellular TGLs = 3-4]		
	[Inflammation TGLs = 2-15]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 608

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901430

ORGAN AND ACCOUNTABLE SITE STATUS

	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Minimal
	Respirat Epith	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-14]			
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Trachea	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901431

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Ulcer	Marked
	[Ulcer TGLs = 1,2-14+15]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	[Adenoma TGLs = 3-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 596

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901432

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Focal
* Lung		Inflammation	Suppurative, Moderate
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
	Epithelium, Nasopharyn Dct	Regeneration	Mild
	Olfactory Epi	Squamous Metaplasia	Minimal

PRIMARY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
[Angiectasis TGLs = 1-14]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 2-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-14]		
* Prostate	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Respirat Epith	Pigmentation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Thyroid Gland	C Cell	Adenoma	
		Amyloid Deposition	Minimal
	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901436

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Thymoma Benign	

[Thymoma Benign TGLs = 1-14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901437

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
	Turbinat	Hyperostosis	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 224

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901438

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, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Portal	Infiltration Cellular	Mononuclear CI, Mild
		Necrosis	Mild
Lymph Node		Lymphoma Malignant	
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Plasma Cell, Mild
	[Hemorrhage TGLs = 2-15]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLs = 7-18]	Lymphoma Malignant	
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Moderate
* Skin	Subcut Tiss	Lipoma	
		Ulcer	Marked
	[Lipoma TGLs = 1-14]		
	[Ulcer TGLs = 3,4-16+17]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 224

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901438

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon	Epithelium	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular	TGLs = 2-3+4]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901439

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-14]

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901440

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule	TGLs = 1-14]	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Testes		Atrophy	Marked
		Degeneration	Cystic, Marked

[Degeneration TGLs = 2-11]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901441

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Pigmentation	Mild
	[Basophilic Focus TGLs = 3-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Skin		Trichoepithelioma	
	[Trichoepithelioma TGLs = 1-14]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Mild
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Minimal
	Epithelium, Nasopharyn Dct	Regeneration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Mucosa	Necrosis	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901443

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901444

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
		Inflammation	Suppurative, Minimal
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLs = 1-14]			
* Thyroid Gland	Follicular Cel	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901444

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 2-15]	Follicular Cel C Cell	Hyperplasia Hyperplasia	Mild Minimal
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Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901445

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung	Bronchiole	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Mild
* Salivary Glands	Duct	Cyst	Marked
* Thymus		Thymoma Benign	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain		Meningioma Benign	
	[Meningioma Benign TGLs = 1-14]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Mild
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Respirat Epith	Pigmentation	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901446

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLs = 2-15]

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 701

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901447

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	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Kidney		Inflammation	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Carcinoma	Metastatic (Thyroid Gland)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Carcinoma	
	[Carcinoma TGLs = 1-14]		
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Testes		Atrophy	Minimal
* Thyroid Gland	C Cell	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 701

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901447

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLs = 2-15]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Carcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Portal	Infiltration Cellular	Mononuclear CI, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Pigmentation	Mild
	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901449

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Focal
* Lung		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Foreign Body	
		Hyperostosis	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
	Olfactory Epi	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Testes	Interstit Cell	Adenoma	

[Adenoma TGLs = 1-14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901450

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
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
* Lymph Node, Mandibular		Degeneration	Cystic, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Lamina Propria	Mineralization	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Thyroid Gland	Follicular Cel	Adenoma	

[Adenoma TGLs = 1-8]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901451

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Degeneration	Cystic, Minimal
* Lymph Node, Mesenteric		Hemangioma	
	[Hemangioma TGLs = 1-14]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
	Respirat Epith	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901452

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Brain		Granular Cell Tumor Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Turbinate	Deformity	
		Foreign Body	
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901452

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

[Degeneration TGLs = 1-11]

Degeneration

Cystic, Moderate

* Thyroid Gland

C Cell

Hyperplasia

Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 668

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Inflammation	Minimal
* Intestine Large, Rectum		Inflammation	Moderate
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Casts Granular	Mild
* Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
Note: Note: bacteria noted in large airways.			
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Necrosis	Moderate
	Epithelium, Nasopharynx Dct	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 668

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901454

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 1-8]	Lamina Propria Olfactory Epi Pars Distalis	Pigmentation Pigmentation Adenoma	Mild Mild
* Spleen		Depletion Lymphoid	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Minimal Minimal
* Stomach, Glandular	Mucosa	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 109

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0901455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Esophagus		Perforation	
[Perforation TGLs = 2-14]			
* Nose	Olfactory Epi	Atrophy	Moderate
	Respirat Epith	Degeneration	Minimal
	Epithelium, Nasopharyn Dct	Degeneration	Mild
	Respirat Epith	Hyperplasia	Minimal
	Epithelium, Nasopharyn Dct	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Necrosis	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901457

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Mild
		Inflammation	Mild
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinates	Deformity	
	Turbinates	Hyperostosis	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate	Epithelium	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901458

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, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
	Alveolar Epith	Metaplasia	Mild
* Lymph Node, Mesenteric		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901458

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
[Adenoma TGLs = 1-14]	Pars Distalis	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 615

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901460

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, Ileum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart	Epicardium	Inflammation	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Suppurative, Marked
	[Infiltration Cellular TGLs = 2-14]		
	[Inflammation TGLs = 1-3]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 615

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901460

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 3-15]

* Stomach, Glandular

Mucosa

Necrosis

Moderate

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901461

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Moderate
	[Degeneration TGLs = 1-14]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Moderate
	Olfactory Epi	Pigmentation	Mild
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Olfactory Epi	Ulcer	Mild
	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 2-15]		
Skeletal Muscle		Cyst	Moderate
	[Cyst TGLs = 3-16]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-14]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901462

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901463

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	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
[Adenoma TGLs = 1-14]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 594

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901464

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	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1-4]		
* Nose		Atrophy	Minimal
	Nerve	Deformity	
	Turbinate	Hyperostosis	Minimal
	Turbinate	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Inflammation	Chronic Active, Mild
* Nose	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Moderate
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Harderian Gland		Inflammation	Minimal
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Marked
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-8]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 2-15]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Moderate
	Lamina Propria	Pigmentation	Mild
	Olfactory Epi	Squamous Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901468

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Ulcer

Mild

[Ulcer TGLs = 1-14]

* Thyroid Gland

Follicular Cel

Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 336

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901470

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Lung		Inflammation	Suppurative, Moderate
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
	Epithelium, Nasopharyn Dct	Hyperplasia	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Trachea		Inflammation	Marked

PRIMARY CAUSE OF DEATH

- Trachea Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901471

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lipocyte, Minimal
		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Respirat Epith	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Marked
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
	Lamina Propria	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901471

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Testes		Atrophy	Moderate
		Mineralization	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
		Hemorrhage	Mild
	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 109

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0901472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Esophagus		Perforation	
	[Perforation TGLs = 1-14]		
* Lung		Inflammation	Suppurative, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Degeneration	Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
	Olfactory Epi	Necrosis	Mild
	Epithelium, Nasopharyn Dct	Regeneration	Moderate

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901473

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, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|----------|----------------|-----------------------|-----------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| * Lung | Alveolus | Infiltration Cellular | Histiocyte, Minimal |
| * Nose | Olfactory Epi | Atrophy | Minimal |
| | Nerve | Atrophy | Moderate |
| | Turbinat | Deformity | |
| | Turbinat | Hyperostosis | Moderate |
| | | Inflammation | Suppurative, Mild |
| | Nasopharyn Dct | Inflammation | Suppurative, Minimal |
| | Olfactory Epi | Metaplasia | Respiratory, Moderate |
| | Lamina Propria | Mineralization | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901474

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, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Heart Cardiomyopathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 352

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
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OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Marked
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Moderate
* Spleen		Depletion Lymphoid	Moderate
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Thymus		Atrophy	Minimal

[Atrophy TGLs = 1-14]

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901476

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	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
	[Hydronephrosis TGLs = 1-14]		
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901476

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 588

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901477

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Marked
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Marked
	Oval Cell	Hyperplasia	Mild
		Necrosis	Mild
		Pigmentation	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
* Nose	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Marked
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Mild
	Lamina Propria	Pigmentation	Minimal
	Epithelium, Nasopharyn Dct	Regeneration	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 588

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901477

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 1-14]	Olfactory Epi Pars Distalis	Squamous Metaplasia Adenoma	Mild
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular	Mucosa	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Nasopharyn Dct	Foreign Body	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Marked
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Testes		Atrophy	Marked

[Atrophy TGLs = 1-14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 462

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901479

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, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Intestine Small, Duodenum	Mucosa	Necrosis	Moderate
* Lung		Inflammation	Suppurative, Marked
[Inflammation TGLs = 1-14]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLs = 2-15]			
* Nose	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Marked
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Moderate
	Olfactory Epi	Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular	Mucosa	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 611

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901480

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Lamina Propria	Pigmentation	Mild
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-14]		
* Testes		Atrophy	Marked
	[Atrophy TGLs = 2-11]		
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 340

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901481

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Necrosis	Marked
* Nose	Olfactory Epi	Atrophy	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Moderate
	Olfactory Epi	Necrosis	Mild
	Epithelium, Nasopharyn Dct	Necrosis	Moderate
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Pigmentation	Minimal
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 53

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901482

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
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart	Myocardium	Necrosis	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Moderate
* Liver		Necrosis	Moderate
	[Necrosis TGLs = 1-6+7+14]		
* Lymph Node, Mesenteric		Atrophy	Moderate
* Nose	Olfactory Epi	Atrophy	Moderate
	Nasopharyn Dct	Mineralization	Minimal
	Olfactory Epi	Necrosis	Minimal
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular	Mucosa	Necrosis	Marked

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 697

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901483

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Vacuolization Cytoplasmic	Focal
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Respirat Epith	Degeneration	Moderate
	Epithelium, Nasopharyn Dct	Degeneration	Moderate
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Moderate
	Olfactory Epi	Pigmentation	Minimal
* Spleen		Depletion Lymphoid	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Mucosa	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 697

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901483

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid GI

Note: one thyroid gland = missing

* Trachea

Inflammation

Mild

PRIMARY CAUSE OF DEATH

- Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901485

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Eye	Retina	Atrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Atrophy	Minimal
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Mild
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Marked
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 350

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901486

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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Hydronephrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Epithelium, Nasopharyn Dct	Degeneration	Moderate
		Foreign Body	
	Turbinate	Hyperostosis	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
	Epithelium, Nasopharyn Dct	Metaplasia	Squamous, Mild
	Respirat Epith	Necrosis	Moderate
	Epithelium, Nasopharyn Dct	Necrosis	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Trachea		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 350

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901486

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Trachea Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 554

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901487

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, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Moderate
* Liver		Necrosis	Moderate
* Nose	Respirat Epih	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-8]		
* Spleen		Depletion Lymphoid	Moderate
* Stomach, Glandular	Mucosa	Necrosis	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901488

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Moderate
	Lamina Propria	Pigmentation	Mild
	Olfactory Epi	Squamous Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901490

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Glioma Malignant	
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Moderate
	Olfactory Epi	Pigmentation	Minimal
	Respirat Epith	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901490

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Mesothelioma Malignant

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Intestine Large, Colon		Inflammation	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
		Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Mild
	Lamina Propria	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901491

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-14]			
* Testes		Mineralization	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 216

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901492

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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Deformity	
	Turbinates	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 202

TRT#: 7

SEX: Male

DAY ON TEST: 513

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901494

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, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon	Epithelium	Necrosis	Minimal
* Intestine Small, Duodenum	Mucosa	Necrosis	Moderate
* Intestine Small, Ileum	Mucosa	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Cystic, Moderate
		Necrosis	Marked
	[Hyperplasia TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
		Foreign Body	
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Marked
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Necrosis	Mild
	Respirat Epith	Necrosis	Moderate
	Olfactory Epi	Pigmentation	Mild
	Respirat Epith	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 202

TRT#: 7

SEX: Male

DAY ON TEST: 513

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901494

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Lamina Propria	Pigmentation	Marked
* Spleen		Necrosis	Moderate
* Stomach, Glandular	Mucosa	Depletion Lymphoid	Moderate
		Necrosis	Marked

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901497

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
* Lung	[Hepatodiaphragmatic Nodule TGLs = 1-14]		
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Nasopharyn Dct	Foreign Body	
	Turbinate	Hyperostosis	Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901497

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Lamina Propria

Pigmentation

Mild

C Cell

Hyperplasia

Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 625

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901498

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	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Epicardium	Inflammation	Minimal
	Myocardium	Necrosis	Mild
	Note: myocardium necrosis = papillary muscle		
* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
* Intestine Small, Ileum	Mucosa	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Suppurative, Marked
	[Hemorrhage TGLs = 2-15]		
	[Inflammation TGLs = 1-14]		
* Nose	Nerve	Atrophy	Minimal
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Moderate
	Olfactory Epi	Necrosis	Mild
	Respirat Epith	Necrosis	Moderate
	Lamina Propria	Pigmentation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 625

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901498

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Depletion Lymphoid	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Mucosa	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLs = 1-14]			
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Marked
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
	Lamina Propria	Pigmentation	Mild
* Prostate	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 578

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901501

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
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
	Myocardium	Necrosis	Mild
* Intestine Small, Ileum	Mucosa	Necrosis	Moderate
* Intestine Small, Jejunum	Mucosa	Necrosis	Moderate
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Marked
	Papilla	Necrosis	Mild
	[Inflammation TGLs = 1,2-14]		
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Moderate
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Mild
* Spleen		Depletion Lymphoid	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 578

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901501

ORGAN AND ACCOUNTABLE SITE STATUS

Hematopoietic Cell Proliferation

Minimal

* Stomach, Glandular

Mucosa

Necrosis

Moderate

* Urinary Bladder

Transit Epithe

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Atrophy	Minimal
	Turbinate	Deformity	
		Foreign Body	
	Turbinate	Hyperostosis	Minimal
	Epithelium, Nasopharyn Dct	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Lamina Propria	Pigmentation	Minimal
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 463

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Blood Vessel	Adventitia, Aorta	Inflammation	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
	Pericardium	Inflammation	Marked
	Epicardium	Inflammation	Moderate
	[Inflammation TGLs = 4-15]		
* Intestine Small, Duodenum	Mucosa	Necrosis	Minimal
* Kidney		Hydronephrosis	Minimal
* Liver		Necrosis	Marked
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 2-14]		
* Nose	Nerve	Atrophy	Moderate
	Respirat Epith	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Moderate
	Respirat Epith	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Marked
* Pancreas	Acinus	Necrosis	Mild
* Spleen		Depletion Lymphoid	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 463

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901503

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Mucosa	Necrosis	Minimal
* Testes [Atrophy TGLs = 3-11]		Atrophy	Moderate
* Thymus		Inflammation	Moderate

PRIMARY CAUSE OF DEATH - Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* 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	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	[Hemorrhage TGLs = 1-14]		
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901504

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland

Pars Distalis

Hyperplasia

Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Duodenum	Mucosa	Necrosis	Minimal
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Intestine Small, Jejunum	Mucosa	Necrosis	Moderate
* Kidney		Inflammation	Minimal
* Liver		Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Moderate
	Respirat Epith	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-14]			
* Spleen		Depletion Lymphoid	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901505

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Mucosa

Necrosis

Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 525

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901506

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Inflammation	Mild
		Ulcer	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 525

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901506

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 1-14]	Pars Intermed	Adenoma	
* Prostate [Inflammation TGLs = 2-15]		Inflammation	Marked
* Seminal Vesicle		Inflammation	Moderate
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Intermed Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 580

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901507

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, Ileum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Heart		Inflammation	Mild
	Epicardium	Inflammation	Moderate
* Intestine Small, Jejunum	Mucosa	Necrosis	Mild
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Marked
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Olfactory Epi	Necrosis	Moderate
	Lamina Propria	Pigmentation	Marked
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Thyroid GI			

Note: one thyroid gland = missing

PRIMARY CAUSE OF DEATH

- Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901508

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	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hyperplasia	Mild
	[Adenoma TGLs = 3-16]		
* Eye		Cataract	Moderate
	[Cataract TGLs = 1-14]		
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Hyperplasia	Lymphoid, Mild
	[Degeneration TGLs = 2-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
		Foreign Body	
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901508

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	C Cell	Atrophy	Minimal
		Adenoma	

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 584

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901509

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, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Necrosis	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
	Epicardium	Inflammation	Mild
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1-3+14]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
	Lamina Propria	Mineralization	Mild
* Stomach, Glandular	Mucosa	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 584

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901509

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901510

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
	Respirat Epi	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Mild
* Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901510

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

* Thyroid Gland

C Cell

Hyperplasia

Moderate

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 192

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901511

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, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Marked
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Minimal
	Epithelium, Nasopharynx Dct	Hyperplasia	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Infarct	Mild
		Inflammation	Mild
		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Marked
	Turbinate	Deformity	
		Foreign Body	
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Squamous Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Thymus		Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901514

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, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Lipoma	
		Nephropathy	Minimal
	[Lipoma TGLs = 2-14]		
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 719

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901515

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Nose	Nasopharyn Dct	Foreign Body	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 540

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901516

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Necrosis	Minimal
* Liver		Necrosis	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLs = 1-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 3-15]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901517

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 561

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901518

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, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Inflammation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Cervix	Polyp Stromal	
	[Polyp Stromal TGLs = 3-15]		
Vagina		Polyp	
	[Polyp TGLs = 4-16]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 645

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Moderate
* Kidney		Hydronephrosis	Minimal
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
		Inflammation	Suppurative, Minimal
* Ovary			
Note: one ovary = missing			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-13]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 554

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Eye	* Harderian Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
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OBSERVATIONS

* Liver		Fatty Change	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-14]			
* Uterus		Schwannoma Malignant	
[Schwannoma Malignant TGLs = 1-13]			

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 701

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901522

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Marked
* Lung	Alveolar Epith	Adenocarcinoma	Metastatic (Uterus)
		Hyperplasia	Minimal
	[Adenocarcinoma TGLs = 4-16]		
Lymph Node	Iliac	Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 6-18]		
* Lymph Node, Mesenteric		Adenocarcinoma	Metastatic (Uterus)
Mesentery		Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pancreas		Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 2-14]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 3-15]		
* Uterus		Adenocarcinoma	
		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 701

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901522

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLs = 5-17]

PRIMARY CAUSE OF DEATH - Pancreas Adenocarcinoma Uterus

Animal Note: Primary site of lymph node and mesenteric carcinoma = endometrium

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 688

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901523

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
Mesentery		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1-13]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Marked
	[Cyst TGLs = 2-14]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Adenocarcinoma	
	[Adenocarcinoma TGLs = 3-15]		

PRIMARY CAUSE OF DEATH - Mesentery Hemangiosarcoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 597

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* 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	* Spleen	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Eye	Antr Chamber	Hemorrhage	Moderate
	Cornea	Inflammation	Moderate
	[Hemorrhage TGLs = 1-13]		
* Liver		Basophilic Focus	
		Fatty Change	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
Oral Mucosa		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLs = 4-1]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Skin		Hyperkeratosis	Minimal
	[Hyperkeratosis TGLs = 2-14]		
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperkeratosis	Minimal
		Inflammation	Minimal
* Stomach, Glandular	Epithelium	Degeneration	Mild
		Inflammation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Oral Mucosa Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 674

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901525

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
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Kidney		Hydronephrosis	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
		Vacuolization Cytoplasmic	Focal
* Nose	Epithelium, Nasopharyn Dct	Accumulation, Hyaline Droplet	Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Esophagus	Muscularis	Degeneration	Minimal
* Eye	Optic Nerve	Degeneration	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Ovary		Cyst	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901527

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901528

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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Harderian Gland		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901530

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	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Mild
		Mixed Cell Focus	
* Lung		Carcinoma	Metastatic (Uterus)
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Carcinoma	
[Carcinoma TGLs = 1-14]			
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-15]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLs = 4-16]			
* Stomach, Glandular		Carcinoma	Metastatic (Uterus)
[Carcinoma TGLs = 5-17]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Adenocarcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901530

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Moderate

[Adenocarcinoma TGLs = 3-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Intestine Large, Cecum		Inflammation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 566

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901532

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, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Inflammation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Suppurative, Mild
* Lymph Node, Mesenteric		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Cervix	Sarcoma Stromal	
	[Sarcoma Stromal TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Uterus Cervix Sarcoma Stromal

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901533

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	
	[Fibroadenoma TGLs = 1-16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 2-17]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901534

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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Leiomyosarcoma	
	[Leiomyosarcoma TGLs = 3-15]		
* Kidney		Inflammation	Marked
		Necrosis	Minimal
	Papilla	Necrosis	Minimal
		Nephropathy	Minimal
	[Inflammation TGLs = 1-13]		
* Liver		Basophilic Focus	
		Fatty Change	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
		Foreign Body	
		Inflammation	Suppurative, Mild
* Pancreas	Respirat Epith	Metaplasia	Squamous, Minimal
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901534

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 2-14]	Pars Distalis	Adenoma	
* Spleen	Lymph Follic	Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901535

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, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Necrosis	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLs = 1-13]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901536

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal
Lymph Node	Mediastinal	Hyperplasia	Marked
[Hyperplasia TGLs = 1-13]			
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Thymus		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901537

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic Active, Moderate
* Mammary Gland		Hyperplasia	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Foreign Body	
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-15]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 645

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901539

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
* Ovary		Cyst	Mild
	[Cyst TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

Note: TGL2 = Papillary hyperplasia.

Note: Uterus also has hyperplasia, endometrium, marked, however TDMSE will not allow it because it sees this as a duplicate entry, though it is not.

[Hyperplasia TGLs = 2-14]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 608

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901540

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Necrosis	Minimal
* Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mesentery		Necrosis	Moderate
[Necrosis TGLs = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-14]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLs = 3-15]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901541

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 698

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Harderian Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLs = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
* Stomach, Glandular	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLs = 3-15]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Mild
		Polyp Stromal	
[Polyp Stromal TGLs = 2-14]			

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901543

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLs = 1-13]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-14]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 648

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901544

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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
[Hyperplasia TGLs = 5-19]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Adenoma	
		Fibroadenoma	Multiple
[Adenoma TGLs = 3-17]			
[Fibroadenoma TGLs = 1,2-15+16]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 4-18]			

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901546

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, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Carcinoma	
	[Carcinoma TGLs = 2-15]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-13]		
* Skin	Subcut Tiss	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-14]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 255

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901547

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
	[Hepatocellular Adenoma TGLs = 3-15]		
	Mesentery	Necrosis	Moderate
	[Necrosis TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Thymus		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 700

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901548

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLs = 2-14]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901549

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901550

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
	[Fibroadenoma TGLs = 1-13]		
	Mesentery	Necrosis	Moderate
	[Necrosis TGLs = 4-16]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 2,3-14+15]		
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 341

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Clitoral Gland	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Salivary Glands	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Lung		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Ovary			
Note: one ovary = missing			
* Parathyroid GI			
Note: one parathyroid gland = missing			
* Thyroid GI			
Note: one thyroid gland = missing			
* Uterus			
Note: one uterine horn = missing			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 260

TRT#: 2

SEX: Female

DAY ON TEST: 628

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901552

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Mild
	Oval Cell	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-13]			
* Stomach, Forestomach		Erosion	Marked
	Epithelium	Hyperplasia	Moderate
		Inflammation	Mild
[Erosion TGLs = 2-14]			
* Stomach, Glandular		Inflammation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 506

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Trachea	

OBSERVATIONS

* Brain		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Eye		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-17]		
	[Lymphoma Malignant TGLs = 7-18]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-13]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-15]		
Oviduct		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
	[Cyst TGLs = 1-8]		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 506

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901555

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Lymphoma Malignant
* Stomach, Glandular	Lymphoma Malignant
* Thymus	Lymphoma Malignant
[Lymphoma Malignant TGLs = 5-16]	
* Thyroid Gland	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 495

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901556

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Kidney	Transit Epithe	Hyperplasia Inflammation	Minimal Mild
* Liver		Basophilic Focus Fatty Change	Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation Ulcer	Mild Minimal Mild
* Stomach, Glandular		Inflammation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901557

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Mild
		Pigmentation	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Basal Cell, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 267

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901559

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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Portal	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	Multiple
	[Adenoma TGLs = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

Note: Focus of hyperplastic (foamy) follicular epithelial cells adjacent to follicular adenoma.

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 270

TRT#: 2

SEX: Female

DAY ON TEST: 718

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901562

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	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLs = 2-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-13]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 667

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901563

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, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Hyperplasia	Moderate
	[Carcinoma TGLs = 1,2-13+14]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
Spinal Cord		Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 372

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0901564

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Heart	Cardiomyopathy	Mild
* Ovary	Cyst	Mild
	Inflammation	Mild

[Cyst TGLs = 1-13]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 632

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901565

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
	[Infiltration Cellular TGLs = 4-3+4]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 3-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Uterus		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 275

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901567

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
	[Angiectasis TGLs = 1-13]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLs = 2-14]		

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901568

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
	[Infiltration Cellular TGLs = 7-3+4]		
* Mammary Gland		Adenoma	
		Fibroadenoma	
	[Adenoma TGLs = 1-13]		
	[Fibroadenoma TGLs = 2-14]		
	Mesentery	Necrosis	Moderate
	[Necrosis TGLs = 3,4-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 8-17]		
* Thymus		Thymoma Benign	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901568

ORGAN AND ACCOUNTABLE SITE STATUS

[Thymoma Benign TGLs = 5-16]

* Thyroid Gland

C Cell

Carcinoma

[Carcinoma TGLs = 6-8]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 278

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901570

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Portal	Infiltration Cellular	Mononuclear CI, Minimal
		Mixed Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 279

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901571

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	[Mixed Cell Focus TGLs = 3-15]	Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Adenoma	
	[Adenoma TGLs = 2-14]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 678

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901572

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Moderate
	Hepatocyte	Regeneration	Moderate
	[Regeneration TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Stomach, Forestomach		Inflammation	Marked
		Ulcer	Marked
	[Inflammation TGLs = 3-6]		
* Stomach, Glandular		Inflammation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901573

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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 4-16]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-15]		
* Skin		Basal Cell Carcinoma	
	[Basal Cell Carcinoma TGLs = 2-14]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 15

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901574

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Lung

Congestion

Moderate

Edema

Moderate

[Congestion TGLs = 1-3+4]

PRIMARY CAUSE OF DEATH

- Lung Edema

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 408

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
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OBSERVATIONS

* Harderian Gland		Inflammation	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901576

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
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Minimal
* Mammary Gland		Carcinoma	Multiple
	[Carcinoma TGLs = 1,2-14+15]		
* Nose	Epithelium, Nasopharyn Dct	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Ovary		Inflammation	Marked
	[Inflammation TGLs = 5-16]		
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	[Adenoma TGLs = 6-17]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLs = 4-5]		
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Adenocarcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901576

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium
[Adenocarcinoma TGLs = 3-13]

Hyperplasia

Cystic, Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 689

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901577

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 | * Islets, Pancreatic | * Kidney |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

AUTO PRECLUDES DIAG.

- * Intestine Small, Jejunum

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|-----------------------|
| * Bone Marrow | | Hyperplasia | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Liver | | Hematopoietic Cell Proliferation | Moderate |
| | | Necrosis | Mild |
| * Lung | | Inflammation | Suppurative, Minimal |
| * Mammary Gland | | Fibroadenoma | |
| | [Fibroadenoma TGLs = 2-14] | | |
| * Nose | Epithelium, Nasopharyn Dct | Accumulation, Hyaline Droplet | Minimal |
| | Respirat Epith | Accumulation, Hyaline Droplet | Minimal |
| | Olfactory Epi | Atrophy | Mild |
| | Nerve | Atrophy | Mild |
| | Olfactory Epi | Metaplasia | Respiratory, Moderate |
| | Olfactory Epi | Pigmentation | Minimal |
| * Spleen | | Depletion Lymphoid | Minimal |
| | | Hematopoietic Cell Proliferation | Marked |
| | [Hematopoietic Cell Proliferation TGLs = 1-13] | | |
| * Stomach, Glandular | Mucosa | Necrosis | Mild |
| * Uterus | | Decidual Reaction | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 689

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901577

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 3-15]

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

- Uterus Endometrium Hyperplasia

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 551

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Eye	* Harderian Gland	* Lung	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Clitoral 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Stomach, Glandular

INSUFFICIENT TISSUE

* Liver

OBSERVATIONS

* Lung			
Note: right lung = missing			
* Nose	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Olfactory Epi	Necrosis	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLs = 1-8]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901579

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Cyst	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Adenocarcinoma	

[Adenocarcinoma TGLs = 1-13]

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 598

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Blood Vessel	* Heart	* Liver	* Lung
* Parathyroid Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Esophagus		Fibrosarcoma	
* Nose	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH - Esophagus Fibrosarcoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901581

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901582

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Portal	Infiltration Cellular	Mononuclear CI, Minimal
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLs = 1-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 678

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Eye	Retina	Atrophy	Moderate
* Intestine Large, Colon		Adenocarcinoma	Metastatic (Uterus)
* Kidney		Nephropathy	Minimal
* Liver		Adenocarcinoma	Metastatic (Uterus)
		Basophilic Focus	
* Lung		Adenocarcinoma	Metastatic (Uterus)
Mesentery		Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 4-15+16+17]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Minimal
	Epithelium, Nasopharyn Dct	Necrosis	Minimal
* Ovary		Adenocarcinoma	Metastatic (Uterus)
		Cyst	Mild
		Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Adenocarcinoma	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 678

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901583

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Depletion Lymphoid	Minimal
	Adenocarcinoma	Metastatic (Uterus)
	Erosion	Mild
* Stomach, Glandular	Adenocarcinoma	Metastatic (Uterus)
* Urinary Bladder	Carcinoma	Metastatic (Uterus)
	Inflammation	Mild
* Uterus	Adenocarcinoma	
	Endometrium	
	Hyperplasia	Cystic, Mild
[Adenocarcinoma TGLs = 2-14]		
Vagina	Adenocarcinoma	Metastatic (Uterus)
[Adenocarcinoma TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Uterus Adenocarcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Vacuolization Cytoplasmic	Mild
* Harderian GI			
Note: one Harderian gland = missing			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
		Hyperplasia	Marked
	[Carcinoma TGLs = 1,2-13+14]		
* Nose	Epithelium, Nasopharyn Dct	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Intermed	Angiectasis	Moderate
	[Angiectasis TGLs = 3-15]		
* Thyroid Gland	Bilateral, C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901584

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

C Cell

Hyperplasia

Moderate

Polyp Stromal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 506

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901585

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, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
* Lung		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
		Foreign Body	
	Turbinate	Hyperostosis	Minimal
	Epithelium, Nasopharynx Dct	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Nasopharynx Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Respiratory Epith	Metaplasia	Squamous, Minimal
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 506

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901585

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-13]

* Salivary Glands

Duct

Cyst

Marked

[Cyst TGLs = 2-14]

* Spleen

Hematopoietic Cell Proliferation

Moderate

* Thyroid Gland

C Cell

Hyperplasia

Lymphoid, Moderate

Follicular Cel

Hyperplasia

Minimal

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Brain	Cerebellum	Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pancreas	Acinus	Atrophy	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901587

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Spleen		Depletion Lymphoid	Moderate
	[Fibrosis TGLs = 2-5]	Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 664

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901588

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Basophilic Focus	
* Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular Inflammation	Mild Histiocyte, Minimal Chronic Active, Mild
	[Infiltration Cellular TGLs = 1-13]		
* Nose	Olfactory Epi Nerve Turbinate Olfactory Epi Lamina Propria Olfactory Epi Pars Distalis	Atrophy Atrophy Hyperostosis Metaplasia Mineralization Pigmentation Adenoma	Mild Mild Minimal Respiratory, Moderate Mild Minimal
* Pituitary Gland			
	[Adenoma TGLs = 2-14]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901589

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Thymoma Benign	

[Thymoma Benign TGLs = 1-3]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Inflammation	Minimal
* Kidney		Inflammation	Minimal
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 4-16]		
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	Multiple
	[Carcinoma TGLs = 1,5-13+17]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 3-15]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901590

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Inflammation

Mild

* Thyroid Gland

C Cell

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 714

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901591

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLs = 2-3+4]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-14]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLs = 1-13]		
* Stomach, Forestomach		Leiomyosarcoma	
	[Leiomyosarcoma TGLs = 4-15]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 714

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901591

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Stomach, Forestomach Leiomyosarcoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901592

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	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Infarct	Mild
		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple

[Adenoma TGLs = 1-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901593

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
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Granulocytic, Moderate
* Lung		Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 4,5,6,8-3+4+15+17]		
Lymph Node	Mediastinal	Hemorrhage	Mild
	[Hemorrhage TGLs = 7-16]		
* Lymph Node, Mesenteric		Adenocarcinoma	Metastatic (Uterus)
Mesentery		Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 3-14]		
* Nose	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pancreas		Adenocarcinoma	Metastatic (Uterus)
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Adenocarcinoma	Metastatic (Uterus)
* Stomach, Glandular		Adenocarcinoma	Metastatic (Uterus)
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Adenocarcinoma	
	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901593

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenocarcinoma TGLs = 2-13]

PRIMARY CAUSE OF DEATH

- Uterus Adenocarcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901594

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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
	[Infiltration Cellular TGLs = 2-3+4]		
* Mammary Gland		Fibroadenoma	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Nerve	Atrophy	Mild
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Squamous Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	[Adenoma TGLs = 3-14]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 645

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901595

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Fibrosis	Mild
	[Fibrosis TGLs = 1-3+4]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Squamous Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-13]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
	[Hyperplasia TGLs = 3-14]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901596

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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Ovary		Cyst	Minimal
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLs = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901597

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 Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
* Skin	Subcut Tiss	Lipoma	

[Lipoma TGLs = 1-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901598

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	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Leiomyosarcoma	
	[Leiomyosarcoma TGLs = 4-16]		
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLs = 1,2-13+14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 3-15]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901599

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
		Inflammation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	[Cyst TGLs = 1-13]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Minimal
	Olfactory Epi	Atrophy	Minimal
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901600

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinate	Hyperostosis	Minimal
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901601

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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Granulocytic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLs = 5,6-17+18]		
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Turbinate	Deformity	
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 1-14]		
* Skin		Trichoepithelioma	
	[Trichoepithelioma TGLs = 3-16]		
* Uterus		Inflammation	Mild
	[Inflammation TGLs = 2-15]	Sarcoma Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901601

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma Stromal TGLs = 4-13]

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 430

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901602

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	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinates	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Inflammation	Mild
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901603

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 1-13]		
* Thymus		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901604

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Granulocytic, Moderate
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Minimal
		Inflammation	Minimal
	[Cyst TGLs = 3-14]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Uterus		Adenocarcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901604

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenocarcinoma TGLs = 1-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Atrophy	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901606

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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Moderate
* Eye		Cataract	Moderate
	[Cataract TGLs = 1-10]		
* Heart		Cardiomyopathy	Minimal
* Liver		Angiectasis	Moderate
		Basophilic Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
	[Angiectasis TGLs = 3-13]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Respirat Epith	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901606

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 4-15]	Olfactory Epi Lamina Propria Pars Distalis	Metaplasia Mineralization Adenoma	Respiratory, Moderate Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901607

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	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Bile Duct	Hyperplasia	Minimal
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Minimal
	[Infiltration Cellular TGLs = 2-3+4]		
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Respirat Epith	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Adenocarcinoma	
	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Moderate
	[Inflammation TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 490

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Oligodendroglioma Malignant	
	[Oligodendroglioma Malignant TGLs = 1-13]		
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Brain Oligodendroglioma Malignant

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 522

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain		Glioma Malignant	
* Liver		Basophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal

PRIMARY CAUSE OF DEATH - Brain Glioma Malignant

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901610

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epih	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Mild
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 1-13]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Harderian Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland	Epithelium	Cytoplasmic Alteration	Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-8]		
* Thymus		Thymoma Benign	
	[Thymoma Benign TGLs = 1-13]		
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901612

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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Minimal
	Respirat Epith	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 484

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland			
Note: one clitoral gland = missing			
* Esophagus		Inflammation	Marked
* Intestine Small, Duodenum	Serosa	Adenocarcinoma	Metastatic (Uterus)
* Liver		Adenocarcinoma	Metastatic (Uterus)
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Mild
* Lung		Adenocarcinoma	Metastatic (Uterus)
		Inflammation	Suppurative, Marked
Mesentery		Adenocarcinoma	Metastatic (Uterus)
[Adenocarcinoma TGLs = 3-14]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Necrosis	Mild
	Respirat Epith	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 484

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901613

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Olfactory Epi Acinus	Pigmentation Atrophy Carcinoma	Minimal Mild Metastatic (Uterus)
* Spleen		Adenocarcinoma	Metastatic (Uterus)
* Stomach, Forestomach		Depletion Lymphoid Erosion	Minimal Mild
	Epithelium	Hyperplasia Ulcer	Minimal Moderate
	[Ulcer TGLs = 4-15]		
* Stomach, Glandular		Inflammation Necrosis	Minimal Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Adenocarcinoma Hyperplasia	Cystic, Mild
	[Adenocarcinoma TGLs = 2-13]		

PRIMARY CAUSE OF DEATH - Uterus Adenocarcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 691

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901614

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
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

INSUFFICIENT TISSUE

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart	Epicardium	Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Suppurative, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Moderate
* Pancreas		Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 691

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901614

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Depletion Lymphoid	Moderate
	Hematopoietic Cell Proliferation	Mild
* Uterus	Adenocarcinoma	
	Inflammation	Marked

[Adenocarcinoma TGLs = 3-15+16]

PRIMARY CAUSE OF DEATH - Uterus Adenocarcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 714

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901615

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Angiectasis	Mild
		Cholangioma	
		Fatty Change	Mild
	[Cholangioma TGLs = 2-14]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901616

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 628

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901617

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Marked
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	[Angiectasis TGLs = 3-15]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Uterus		Adenocarcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 628

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901617

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenocarcinoma TGLs = 2-14]

PRIMARY CAUSE OF DEATH

- Uterus Adenocarcinoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901618

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Sarcoma Stromal	

[Sarcoma Stromal TGLs = 1-13]

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 308

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901619

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, Ileum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Liver		Basophilic Focus	
* Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Spleen		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH - Lung Hemorrhage

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901620

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	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Epithelium, Nasopharyn Dct	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Accumulation, Hyaline Droplet	Marked
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Nerve	Atrophy	Mild
	Epithelium, Goblet Cell, Nasopharyn Dct	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 649

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901621

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	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
	Epicardium	Inflammation	Moderate
* Intestine Small, Jejunum		Necrosis	Hemorrhagic, Marked
	[Necrosis TGLs = 2-14]		
* Kidney		Inflammation	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
* Nose	Epithelium, Nasopharyn Dct	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland		Angiectasis	Mild
	[Angiectasis TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 64

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 0901622

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Lung		Edema	Moderate
* Nose	Olfactory Epi	Metaplasia	Respiratory, Mild

PRIMARY CAUSE OF DEATH - Lung Edema

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 239

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain		Inflammation	Moderate
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Lung	Serosa	Inflammation	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Spleen		Depletion Lymphoid	Minimal

PRIMARY CAUSE OF DEATH

- Brain Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901624

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
Note: Hyperplasia of ectopic adrenal cortical tissue			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Moderate
	Olfactory Epi	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901624

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLs = 1-8]

* Thymus

Thymoma Benign

[Thymoma Benign TGLs = 2-13]

* Thyroid Gland

C Cell

Hyperplasia

Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901625

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Focal
	[Hepatodiaphragmatic Nodule		
* Nose	TGLs = 1-7]		
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 216

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Intestine Large, Cecum		Inflammation	Marked
* Intestine Small, Ileum	Serosa	Hemorrhage	Moderate
	Serosa	Inflammation	Moderate
* Liver	Oval Cell	Hyperplasia	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Marked
		Pigmentation	Moderate
* Nose	Nerve	Atrophy	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 506

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
		Mineralization	Mild
Blood Vessel	Adventitia, Aorta	Inflammation	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
		Inflammation	Mild
	Epicardium	Inflammation	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Inflammation	Minimal
* Kidney		Inflammation	Mild
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Serosa	Inflammation	Moderate
	[Inflammation TGLs = 3-13]		
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 4-14]		
Lymph Node	Bronchial	Inflammation	Marked
	[Inflammation TGLs = 5-15]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
* Ovary		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 506

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901627

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Inflammation	Mild
	[Hematopoietic Cell Proliferation TGLs = 2-5]		
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11]		

PRIMARY CAUSE OF DEATH - Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901628

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Ovary		Cyst	Mild
	[Cyst TGLs = 1-11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 530

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901629

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, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Duodenum	Mucosa	Necrosis	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Serosa	Fibrosis	Minimal
* Lung		Congestion	Mild
[Congestion TGLs = 3,4-3+4]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Pigmentation	Mild
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-8]			
* Stomach, Glandular	Mucosa	Necrosis	Minimal
* Thymus		Thymoma Benign	
* Uterus		Inflammation	Minimal
		Schwannoma Malignant	
[Schwannoma Malignant TGLs = 2-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 530

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901629

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901630

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 698

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901631

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, Mandibular	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Adenocarcinoma	Metastatic (Uterus)
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Adenocarcinoma	Metastatic (Uterus)
* Liver		Adenocarcinoma	Metastatic (Uterus)
		Basophilic Focus	
		Hematopoietic Cell Proliferation	Granulocytic, Mild
* Lung		Adenocarcinoma	Metastatic (Uterus)
	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Degeneration	Cystic, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Pigmentation	Hemosiderin, Minimal
	[Hyperplasia TGLs = 3-15]		
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
Mesentery		Adenocarcinoma	Metastatic (Uterus)
* Nose	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Epithelium, Nasopharyn Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 698

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901631

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Necrosis	Mild
	Epithelium, Nasopharyn Dct	Necrosis	Marked
* Ovary		Adenocarcinoma	Metastatic (Uterus)
		Cyst	Minimal
	[Cyst TGLs = 6-17]		
* Pancreas		Adenocarcinoma	Metastatic (Uterus)
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 2-14]		
	Skeletal Muscle	Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 8-18]		
* Spleen		Adenocarcinoma	Metastatic (Uterus)
		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLs = 7-5]		
* Urinary Bladder		Adenocarcinoma	Metastatic (Uterus)
* Uterus		Adenocarcinoma	
	Endometrium	Hyperplasia	Cystic, Mild
	[Adenocarcinoma TGLs = 5-16]		

PRIMARY CAUSE OF DEATH - Uterus Adenocarcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901632

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-8]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLs = 2-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 467

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular Inflammation	Histiocyte, Mild Chronic Active, Minimal
	[Infiltration Cellular TGLs = 4-3+4]		
* Nose	Olfactory Epi Respirat Epith Olfactory Epi Nerve Turbinate Olfactory Epi Lamina Propria	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet Atrophy Atrophy Hyperostosis Metaplasia Mineralization Cyst	Mild Minimal Mild Mild Minimal Respiratory, Mild Minimal Moderate
	[Cyst TGLs = 2,3-13+14]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Mild
	Mucosa	Necrosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11]		

PRIMARY CAUSE OF DEATH - Uterus Endometrium Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 632

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901634

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hyperplasia	Minimal
	[Angiectasis TGLs = 2-14]		
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
Mesentery		Degeneration	Cystic, Mild
	[Degeneration TGLs = 3-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 4-16]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 632

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901634

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 675

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901635

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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lymph Node, Mandibular		Degeneration	Cystic, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Epithelium, Nasopharyn Dct	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Ovary		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Thyroid Gland	Follicular Cel	Adenoma	
	[Adenoma TGLs = 2-14]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 541

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901636

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, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Mild
	[Cyst TGLs = 2-11]		
* Spleen		Depletion Lymphoid	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 541

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901636

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Uterus Endometrium Hyperplasia

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 9

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901637

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Lung		Edema	Moderate
	[Edema TGLs = 1-3+4]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Epithelium, Nasopharyn Dct	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH - Lung Edema

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 108

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Nose	Olfactory Epi	Atrophy	Mild
	Epithelium, Nasopharyn Dct	Hyperplasia	Minimal
		Inflammation	Suppurative, Marked
	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901639

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Focal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	
	[Carcinoma TGLs = 1-13]		
* Nose	Nerve	Atrophy	Mild
	Turbinates	Deformity	
	Turbinates	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thymus		Thymoma Benign	
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901640

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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Focal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
		Foreign Body	
	Turbinat	Hyperostosis	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Squamous Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

[Hyperplasia TGLs = 1-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901641

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	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Concretion	Minimal
	Bile Duct	Dilatation	Mild
		Hematopoietic Cell Proliferation	Granulocytic, Moderate
	[Dilatation TGLs = 3-14]		
* Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Renal	Inflammation	Moderate
	[Inflammation TGLs = 4-15]		
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Mild
	Lamina Propria	Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901641

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Moderate

Hyperplasia

Lymphoid, Mild

[Hematopoietic Cell Proliferation TGLs = 2-5]

* Uterus

Adenocarcinoma

[Adenocarcinoma TGLs = 1-13]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 328

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Nasopharyn Dct	Mineralization	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Uterus		Schwannoma Malignant	

[Schwannoma Malignant TGLs = 1-13]

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLs = 3-15]		
* Clitoral Gland		Sarcoma	
	[Sarcoma TGLs = 2-14]		
* Kidney	Transit Epithe	Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Marked
	[Hyperplasia TGLs = 1-13]		
* Nose	Respirat Epith	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901644

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
	Turbinat	Hyperostosis	Mild
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Carcinoma	
	[Carcinoma TGLs = 2-14]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901645

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Nerve	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901646

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinates	Deformity	
		Foreign Body	
	Turbinates	Hyperostosis	Moderate
	Nasopharynx Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLs = 1-13]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Adenocarcinoma	
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901646

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLs = 2-14]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901647

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Atrophy	Moderate
	[Adenoma TGLs = 4-8]		
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Cyst	Mild
	Bile Duct	Hyperplasia	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
	[Adenoma TGLs = 3-15]		
* Skin	Subcut Tiss	Lipoma	
	[Lipoma TGLs = 1-14]		
* Uterus		Adenocarcinoma	
	[Adenocarcinoma TGLs = 2-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLs = 1-13]			
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLs = 2,3-14+15]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 610

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901649

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, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenocarcinoma	Metastatic (Uterus)
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Ileum	Serosa	Adenocarcinoma	Metastatic (Uterus)
* Kidney	Capsule	Adenocarcinoma	Metastatic (Uterus)
* Liver	Capsule	Adenocarcinoma	Metastatic (Uterus)
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
* Lung		Necrosis	Mild
		Adenocarcinoma	Metastatic (Uterus)
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Adenocarcinoma	Metastatic (Uterus)
Mesentery		Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 2-14]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Respirat Epith	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Ovary		Adenocarcinoma	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 610

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901649

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Adenocarcinoma	Metastatic (Uterus)
	[Adenocarcinoma TGLs = 3-15]		
* Spleen		Adenocarcinoma	Metastatic (Uterus)
* Stomach, Forestomach		Adenocarcinoma	Metastatic (Uterus)
* Uterus		Adenocarcinoma	
	[Adenocarcinoma TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Uterus Adenocarcinoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 21

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901650

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	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Moderate
[Hemorrhage TGLs = 3-8]			
* Kidney		Hydronephrosis	Mild
		Inflammation	Moderate
	Papilla	Necrosis	Moderate
[Inflammation TGLs = 1,2-5]			
* Spleen		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH - Kidney Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901651

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLs = 1-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 719

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901652

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Epithelium, Nasopharynx Dct	Accumulation, Hyaline Droplet	Minimal
	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Pigmentation	Minimal
	Respirat Epith	Pigmentation	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLs = 1-13]			
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Intermed Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901653

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
* Lung		Sarcoma Stromal	Metastatic (Uterus)
	[Sarcoma Stromal TGLs = 5,6,7,8,9-16+17+18]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Pigmentation	Mild
* Ovary		Cyst	Moderate
	[Cyst TGLs = 3-11]		
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	[Adenoma TGLs = 1-15]		
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901653

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation	TGLs = 4-14]	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Sarcoma Stromal	TGLs = 2-13]	Sarcoma Stromal	

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 362

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Blood Vessel	Adventitia, Aorta	Inflammation	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Epicardium	Inflammation	Minimal
* Liver	Oval Cell	Hyperplasia	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLs = 1-13]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Lamina Propria	Mineralization	Minimal
* Spleen		Depletion Lymphoid	Mild
		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLs = 2-5]			
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 363

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901655

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Atrophy	Marked
		Hydronephrosis	Moderate
	[Atrophy TGLs = 1-13]		
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Minimal
* Pancreas		Lipomatosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 628

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Rectum	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Spleen			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Suppurative, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLs = 1-8]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 365

TRT#: 6

SEX: Female

DAY ON TEST: 506

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Eye	Postr Chamber	Hemorrhage	Minimal
Note: note: hemorrhage included in vitreous. [Hemorrhage TGLs = 1-10]			
* Harderian Gland		Hyperplasia	Moderate
* Liver		Basophilic Focus	
* Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Lymph Node, Mandibular		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLs = 4-15]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLs = 2-13]			
* Nose	Olfactory Epi Nerve Turbinata Turbinata Olfactory Epi	Atrophy Atrophy Deformity Hyperostosis Metaplasia	Mild Mild Minimal Respiratory, Moderate
Skeletal Muscle		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLs = 3-14]			
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH - Skeletal Muscle Carcinoma Zymbal'S Gland

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 366

TRT#: 6

SEX: Female

DAY ON TEST: 309

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901658

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Necrosis	Marked
		Pigmentation	Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nasopharyn Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
	Epithelium, Nasopharyn Dct	Necrosis	Moderate
* Spleen		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 367

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901659

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Nose	Epithelium, Nasopharyn Dct	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-16]		
* Skin		Ulcer	Moderate
	[Ulcer TGLs = 1,2-13+14]		
* Thymus		Thymoma Benign	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLs = 3-15]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 368

TRT#: 6

SEX: Female

DAY ON TEST: 6

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 0901660

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	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Inflammation	Minimal
* Lung		Edema	Moderate
* Lymph Node, Mandibular		Atrophy	Marked
* Nose	Epithelium, Nasopharynx Dct	Hyperplasia	Minimal
	Respiratory Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

- Lung Edema

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 369

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901661

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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901662

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Adenoma	
		Carcinoma	Multiple
	[Adenoma TGLs = 3-15]		
	[Carcinoma TGLs = 1,4-13+16]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Turbinate	Deformity	
	Epithelium, Nasopharyn Dct	Degeneration	Moderate
		Foreign Body	
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901662

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Metaplasia	Squamous, Minimal
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Necrosis	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-14]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 371

TRT#: 6

SEX: Female

DAY ON TEST: 99

DOSE: 300 mg/kg

DISP: Dosing Accident

HISTO: 0901663

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Lung	Congestion	Moderate
[Congestion TGLs = 1-3+4]		

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 372

TRT#: 6

SEX: Female

DAY ON TEST: 407

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 2-14]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Uterus Endometrium Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901665

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 374

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* 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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Eye	Retina	Dysplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901667

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinates	Deformity	
	Nasopharynx Dct	Foreign Body	
		Foreign Body	
	Turbinates	Hyperostosis	Mild
	Nasopharynx Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901668

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Respirat Epith	Atrophy	Minimal
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thymus		Thymoma Benign	

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901669

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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
	Respirat Epith	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Pigmentation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLs = 1-13]			
* Thyroid Gland	C Cell	Adenoma	

Animal Note: TGL2=NCL

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 584

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Marked
[Angiectasis TGLs = 7-8]			
Blood Vessel	Aorta	Sarcoma Stromal	Metastatic (Uterus)
* Bone Marrow		Hyperplasia	Mild
* Eye		Cataract	Moderate
	Antr Chamber, Postr Chamber	Exudate	Marked
	Cornea	Inflammation	Marked
		Sarcoma Stromal	Metastatic (Uterus)
[Cataract TGLs = 1,2-10]			
[Inflammation TGLs = 1-10]			
[Sarcoma Stromal TGLs = 2-10]			
* Heart		Sarcoma Stromal	Metastatic (Uterus)
* Intestine Large, Cecum		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLs = 10-17]			
* Intestine Large, Colon		Sarcoma Stromal	Metastatic (Uterus)
* Intestine Small, Duodenum		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLs = 13-6]			
* Intestine Small, Jejunum		Sarcoma Stromal	Metastatic (Uterus)
* Liver	Bile Duct	Cyst	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLs = 4,5,11-6+7+13+18]			
* Lung		Inflammation	Chronic Active, Mild
		Sarcoma Stromal	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 584

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901670

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node [Hyperplasia TGLs = 9-16]	Iliac	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular [Hyperplasia TGLs = 8-15]		Degeneration Hyperplasia	Cystic, Mild Plasma Cell, Moderate
* Nose	Epithelium, Nasopharyn Dct	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Respirat Epith	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Ovary		Inflammation	Marked
		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLs = 12-19]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLs = 3-5]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Moderate
[Hyperplasia TGLs = 14-20]			
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
[Hyperplasia TGLs = 14-20]			
* Thymus		Sarcoma Stromal	Metastatic (Uterus)
* Thyroid Gland	C Cell	Adenoma	
		Sarcoma Stromal	Metastatic (Uterus)
* Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLs = 6-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 584

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901670

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Uterus Sarcoma Stromal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* 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
* Kidney	* Lung	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
* Liver		Basophilic Focus	
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLs = 1-13]			
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Moderate
	Respirat Epith	Atrophy	Moderate
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Ovary		Cyst	Marked
[Cyst TGLs = 2,3-11+14]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 632

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLs = 3-15]		
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Hyperplasia	Lymphoid, Mild
* Liver		Basophilic Focus	
* Lung		Carcinoma	Metastatic (Mammary Gland)
* Mammary Gland		Carcinoma	
	[Carcinoma TGLs = 1-13]	Fibroadenoma	
	[Fibroadenoma TGLs = 2-14]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLs = 4-16]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 632

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901672

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Adrenal Medulla Pheochromocytoma Benign

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 99

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901673

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, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Moderate
		Pigmentation	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Minimal
		Inflammation	Suppurative, Minimal
	Epithelium, Nasopharyn Dct	Necrosis	Marked
	Respirat Epith	Necrosis	Moderate
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Mild

[Necrosis TGLs = 1-13]

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 544

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* 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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Moderate
[Hemorrhage TGLs = 3-8]			
* Bone Marrow		Hyperplasia	Marked
* Brain		Inflammation	Mild
* Eye		Synechia	Mild
[Synechia TGLs = 7-10]			
* Kidney		Hydronephrosis	Mild
[Hydronephrosis TGLs = 4-5]			
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLs = 6,8-16+17]			
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLs = 5-15]			
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Mild
	Respirat Epith	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 544

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901674

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Olfactory Epi	Necrosis Cyst	Minimal Marked
Note: one ovary = missing [Cyst TGLs = 10-19]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 9-18]			
* Spleen		Hematopoietic Cell Proliferation Hyperplasia	Moderate Lymphoid, Mild
* Uterus		Infiltration Cellular Inflammation Schwannoma Malignant	Plasma Cell, Marked Marked
[Inflammation TGLs = 2-14] [Schwannoma Malignant TGLs = 1-13]			

PRIMARY CAUSE OF DEATH - Uterus Schwannoma Malignant

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 446

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* 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	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Eye	* Harderian Gland	* Lymph Node, Mandibular	* Parathyroid Gland
* Salivary Glands	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
* Heart		Cardiomyopathy	Minimal
	Endocardium	Hyperplasia	Mild
		Inflammation	Mild
* Liver		Necrosis	Mild
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1-4]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate

PRIMARY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 714

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901676

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	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Squam Epithel	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-13]			
* Stomach, Glandular	Mucosa	Necrosis	Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 173

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Lung
* Lymph Node, Mandibular	* Pituitary Gland	* Salivary Glands	* Skin
* Thymus	* Trachea		

MISSING

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Clitoral Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Stomach, Forestomach

OBSERVATIONS

* Lung			
Note: left lung = missing			
* Nose		Inflammation	Suppurative, Moderate
	Olfactory Epi	Necrosis	Mild
	Epithelium, Nasopharyn Dct	Necrosis	Minimal
	Respirat Epith	Necrosis	Mild
	Epithelium, Nasopharyn Dct	Regeneration	Moderate
	Respirat Epith	Regeneration	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 15

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901678

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Lung	Hemorrhage	Mild
[Hemorrhage TGLs = 1,2-3+4]		

PRIMARY CAUSE OF DEATH - Lung Hemorrhage

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 15

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901680

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Lung		Edema	Mild
	[Edema TGLs = 1-3+4]		
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Necrosis	Moderate
	Respirat Epith	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild
* Stomach, Glandular	Mucosa	Necrosis	Mild

PRIMARY CAUSE OF DEATH

- Nose Inflammation

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 7

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Eye	* Harderian Gland	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Clitoral 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	* Ovary	* Pancreas	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Nose	Olfactory Epi	Necrosis	Minimal
	Respirat Epith	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Nose Olfactory Epi Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 533

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901682

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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Regenerative, Moderate
		Necrosis	Marked
	[Hyperplasia TGLs = 4,6-16+18]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-13]		
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Epithelium, Nasopharyn Dct	Hyperplasia	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 533

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901682

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Olfactory Epi	Necrosis	Mild
[Cyst TGLs = 2-14]		Cyst	Moderate
* Pituitary Gland	Pars Intermed	Angiectasis	Marked
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLs = 5-17]			
* Spleen		Depletion Lymphoid	Minimal
* Uterus	Endometrium	Adenocarcinoma	
[Adenocarcinoma TGLs = 3,7-15+19]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 217

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901683

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	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Spleen
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OBSERVATIONS

* Liver	Oval Cell	Hyperplasia	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Marked
		Pigmentation	Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Minimal
	Lamina Propria	Pigmentation	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 603

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901684

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 Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Nose	Nerve	Atrophy	Moderate
	Respirat Epith	Atrophy	Minimal
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Moderate
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Respirat Epith	Metaplasia	Squamous, Minimal
	Lamina Propria	Mineralization	Mild
	Lamina Propria	Pigmentation	Minimal
* Ovary		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLs = 2-8]			
* Stomach, Glandular	Glands	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 603

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901684

ORGAN AND ACCOUNTABLE SITE STATUS

Mucosa

Necrosis

Minimal

[Hyperplasia TGLs = 5-6]

* Uterus

Adenocarcinoma

[Adenocarcinoma TGLs = 1,3-13+14]

PRIMARY CAUSE OF DEATH - Uterus Adenocarcinoma

Animal Note: TGL4=NCL

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 334

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901685

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, Ileum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Eye			
Note: optic nerve = missing			
* Liver		Necrosis	Moderate
* Lung		Congestion	Moderate
		Hemorrhage	Mild
	[Congestion TGLs = 1-3+4]		
* Nose		Inflammation	Suppurative, Minimal
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Necrosis	Mild
	Respirat Epith	Necrosis	Moderate
	Lamina Propria	Pigmentation	Moderate
	Epithelium, Nasopharyn Dct	Regeneration	Moderate

PRIMARY CAUSE OF DEATH

- Nose Olfactory Epi Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 584

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901687

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, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Liver		Basophilic Focus	
* Lung		Inflammation	Suppurative, Marked
[Inflammation TGLs = 1-13]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Nasopharynx Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Necrosis	Mild
	Respiratory Epith	Necrosis	Mild
	Respiratory Epith	Pigmentation	Minimal
	Lamina Propria	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 2-14]			
* Stomach, Glandular	Mucosa	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 584

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901687

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 84

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0901688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Eye	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Liver	* Lung
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	* Uterus

OBSERVATIONS

* Esophagus		Perforation	
[Perforation TGLs = 1-13]			
* Nose	Nasopharyn Dct	Foreign Body	
		Foreign Body	
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Necrosis	Mild
	Respirat Epith	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901690

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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 2-14]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Pigmentation	Minimal
	Olfactory Epi	Squamous Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901690

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

[Cyst TGLs = 1-13]

Cyst

Moderate

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 627

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* 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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain		Inflammation	Mild
* Eye	Retina	Dysplasia	Mild
* Kidney		Inflammation	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Hyperplasia	Regenerative, Marked
		Necrosis	Moderate
	[Hepatocellular Adenoma TGLs = 4-15]		
	[Necrosis TGLs = 3-6+7+15]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
		Inflammation	Mild
	[Hyperplasia TGLs = 5-16]		
* Nose	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 627

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901692

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Olfactory Epi	Metaplasia	Respiratory, Marked
[Inflammation TGLs = 1,2-13+14]		Inflammation	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 401

TRT#: 8

SEX: Female

DAY ON TEST: 226

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901693

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, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Eye			
Note: optic -nerve = missing			
* Liver		Necrosis	Marked
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Necrosis	Minimal
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Forestomach		Mineralization	Mild
		Ulcer	Mild
[Ulcer TGLs = 1-6]			
* Stomach, Glandular	Mucosa	Necrosis	Mild

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 402

TRT#: 8

SEX: Female

DAY ON TEST: 443

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901694

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Marked
	[Necrosis TGLs = 1-6+7]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Olfactory Epi	Pigmentation	Mild
	Lamina Propria	Pigmentation	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 403

TRT#: 8

SEX: Female

DAY ON TEST: 530

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901695

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	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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OBSERVATIONS

* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-13]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 404

TRT#: 8

SEX: Female

DAY ON TEST: 211

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901696

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, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Mild
* Kidney		Hydronephrosis	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Marked
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Spleen		Depletion Lymphoid	Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 405

TRT#: 8

SEX: Female

DAY ON TEST: 610

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Eye		Synechia	Marked
	[Synechia TGLs = 1-10]		
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
* Nose	Respirat Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Respirat Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Stomach, Glandular	Mucosa	Necrosis	Moderate

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 406

TRT#: 8

SEX: Female

DAY ON TEST: 497

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901698

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 Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
	Epicardium	Inflammation	Minimal
* Intestine Large, Colon		Inflammation	Mild
[Inflammation TGLs = 7-17]			
* Intestine Large, Rectum		Thrombosis	Mild
* Intestine Small, Duodenum	Mucosa	Necrosis	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Moderate
* Lung		Inflammation	Suppurative, Marked
[Inflammation TGLs = 5-3]			
Lymph Node	Bronchial	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Infiltration Cellular	Histiocyte, Mild
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLs = 3-14]			
[Infiltration Cellular TGLs = 4-15]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLs = 2-13]			
* Lymph Node, Mesenteric		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Congestion TGLs = 6-16]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 406

TRT#: 8

SEX: Female

DAY ON TEST: 497

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901698

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Marked
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Necrosis	Moderate
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Pigmentation	Minimal
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Moderate
* Trachea		Inflammation	Mild
* Uterus		Congestion	Mild

[Congestion TGLs = 1-11]

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 407

TRT#: 8

SEX: Female

DAY ON TEST: 373

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901699

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Marked
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Minimal
* Stomach, Glandular	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 408

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901700

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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
	Oval Cell	Hyperplasia	Mild
		Inflammation	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Moderate
	Nerve	Atrophy	Moderate
		Foreign Body	
	Turbinate	Hyperostosis	Marked
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Squamous Metaplasia	Minimal
* Ovary		Cyst	Moderate
	[Cyst TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 409

TRT#: 8

SEX: Female

DAY ON TEST: 99

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0901701

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, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Clitoral Gland			
Note: one clitoral gland = missing			
* Lung		Congestion	Moderate
[Congestion TGLs = 1-3+4]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 410

TRT#: 8

SEX: Female

DAY ON TEST: 537

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901702

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	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Liver		Basophilic Focus	
		Necrosis	Minimal
* Lung		Inflammation	Suppurative, Marked
[Inflammation TGLs = 2-3]			
* Nose	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Mild
* Ovary		Cyst	Mild
		Inflammation	Mild
[Cyst TGLs = 1-13]			
* Spleen		Depletion Lymphoid	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 412

TRT#: 8

SEX: Female

DAY ON TEST: 471

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Basophilic Focus	
* Lung		Inflammation	Suppurative, Marked
* Nose	[Inflammation TGLs = 1-3]	Accumulation, Hyaline Droplet	Mild
	Respirat Epi	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Deformity	
	Turbinate	Hyperostosis	Mild
	Turbinate	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Inflammation	Suppurative, Minimal
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Epithelium, Nasopharyn Dct	Necrosis	Moderate
	Lamina Propria	Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 412

TRT#: 8

SEX: Female

DAY ON TEST: 471

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901704

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

- Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 413

TRT#: 8

SEX: Female

DAY ON TEST: 444

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901705

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, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Liver		Necrosis	Marked
	[Necrosis TGLs = 2-6+7+14]		
* Lung	Alveolus	Infiltration Cellular Inflammation	Histiocyte, Mild Chronic Active, Mild
	[Inflammation TGLs = 3-3]		
* Lymph Node, Mandibular		Congestion	Marked
	[Congestion TGLs = 1-13]		
* Nose	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Moderate
	Lamina Propria	Pigmentation	Minimal
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 414

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901706

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	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
-----------------------------	--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Necrosis	Marked
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	[Hydronephrosis TGLs = 7-5]	Hydronephrosis	Moderate
* Liver		Basophilic Focus	
		Histiocytic Sarcoma	
	Bile Duct	Hyperplasia	Minimal
* Lung		Adenocarcinoma	Metastatic (Uterus)
		Histiocytic Sarcoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Suppurative, Minimal
	[Adenocarcinoma TGLs = 5-16]		
	[Infiltration Cellular TGLs = 10-16]		
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 6,8-18]		
Mesentery		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 3-15]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 414

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901706

ORGAN AND ACCOUNTABLE SITE STATUS

Turbinate	Foreign Body	
	Hyperostosis	Mild
	Inflammation	Suppurative, Mild
Olfactory Epi	Metaplasia	Respiratory, Moderate
Lamina Propria	Mineralization	Moderate
Olfactory Epi	Necrosis	Mild
Respirat Epith	Necrosis	Mild
Olfactory Epi	Pigmentation	Minimal
	Histiocytic Sarcoma	

* Ovary

Note: One ovary effaced by histiocytic sarcoma; thus 1 ovary = missing on slide 11.

[Histiocytic Sarcoma TGLs = 9-11]

* Pancreas

Histiocytic Sarcoma

* Pituitary Gland

Pars Distalis

Hyperplasia

Marked

[Hyperplasia TGLs = 4-8]

* Spleen

Histiocytic Sarcoma

* Stomach, Forestomach

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLs = 2-14]

* Stomach, Glandular

Fibrosarcoma

Histiocytic Sarcoma

[Fibrosarcoma TGLs = 11-17]

* Uterus

Adenocarcinoma

Squamous Diffr

[Adenocarcinoma TGLs = 1-13]

PRIMARY CAUSE OF DEATH - Uterus Adenocarcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 415

TRT#: 8

SEX: Female

DAY ON TEST: 509

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901707

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	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
	Epicardium	Inflammation	Mild
		Mineralization	Mild
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1,2-3+4+13]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Marked
	Lamina Propria	Mineralization	Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLs = 3-14]		

PRIMARY CAUSE OF DEATH

- Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 416

TRT#: 8

SEX: Female

DAY ON TEST: 513

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901708

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, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
	[Hypertrophy TGLs = 2-8]		
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Infiltration Cellular TGLs = 3-3+4]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Necrosis	Mild
	Respirat Epith	Necrosis	Marked
	Epithelium, Nasopharyn Dct	Necrosis	Moderate
	Epithelium, Nasopharyn Dct	Regeneration	Marked
	Olfactory Epi	Squamous Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-14]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 416

TRT#: 8

SEX: Female

DAY ON TEST: 513

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901708

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Inflammation	Minimal
* Thyroid Gland		Inflammation	Minimal
* Uterus	Follicular Cel	Adenoma	
	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia	TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 418

TRT#: 8

SEX: Female

DAY ON TEST: 408

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901710

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney	Papilla	Mineralization	Minimal
	Papilla	Necrosis	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Marked
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Minimal
	Epithelium, Nasopharyn Dct	Regeneration	Moderate
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular	Mucosa	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 419

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901711

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	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Eye			
Note: optic nerve = missing			
* Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Moderate
* Lung		Congestion	Moderate
[Congestion TGLs = 1-3+4]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Spleen		Depletion Lymphoid	Minimal

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 421

TRT#: 8

SEX: Female

DAY ON TEST: 611

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901713

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
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
	Epicardium	Inflammation	Minimal
* Intestine Small, Duodenum	Mucosa	Necrosis	Mild
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Liver		Basophilic Focus	
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Minimal
* Lung		Inflammation	Suppurative, Marked
	[Inflammation TGLs = 1-13]		
* Mammary Gland	Duct	Dilatation	Moderate
	[Dilatation TGLs = 5-17]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Epithelium, Nasopharyn Dct	Degeneration	Moderate
	Nasopharyn Dct	Foreign Body	
		Foreign Body	
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Marked
	Olfactory Epi	Metaplasia	Respiratory, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 421

TRT#: 8

SEX: Female

DAY ON TEST: 611

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901713

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLs = 3-15]	Lamina Propria Pars Distalis	Mineralization Adenoma	Minimal Multiple
* Stomach, Glandular	Mucosa	Necrosis	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus [Hyperplasia TGLs = 2,4-14+16]	Endometrium	Hyperplasia Inflammation	Cystic, Marked Marked

PRIMARY CAUSE OF DEATH - Lung Inflammation

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 422

TRT#: 8

SEX: Female

DAY ON TEST: 165

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901714

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 | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|---------|-----------------------------|--------------|-----------------------|
| * Liver | Oval Cell | Hyperplasia | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| | | Necrosis | Marked |
| * Nose | Olfactory Epi | Atrophy | Minimal |
| | Nerve | Atrophy | Mild |
| | Turbinates | Hyperostosis | Minimal |
| | Olfactory Epi | Hyperplasia | Basal Cell, Minimal |
| | Nasopharynx Dct | Inflammation | Suppurative, Minimal |
| | | Inflammation | Suppurative, Moderate |
| | Olfactory Epi | Necrosis | Mild |
| | Respiratory Epith | Necrosis | Mild |
| | Respiratory Epith | Pigmentation | Minimal |
| | Olfactory Epi | Pigmentation | Minimal |
| | Epithelium, Nasopharynx Dct | Regeneration | Marked |
| | Respiratory Epith | Regeneration | Mild |

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 425

TRT#: 8

SEX: Female

DAY ON TEST: 540

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Clitoral Gland	* Intestine Large, Rectum	* Lymph Node, Mandibular	* Ovary
* Salivary Glands	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Liver		Carcinoma	Metastatic (Pancreas)
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
[Carcinoma TGLs = 1-13]			
* Lung		Carcinoma	Metastatic (Pancreas)
	Alveolar Epith	Hyperplasia	Moderate
* Nose	Nerve	Atrophy	Mild
	Turbinate	Foreign Body	
		Hyperostosis	Moderate
		Inflammation	Suppurative, Marked
	Nasopharyn Dct	Inflammation	Suppurative, Marked
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Necrosis	Marked
	Epithelium, Nasopharyn Dct	Necrosis	Marked
* Pancreas		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 425

TRT#: 8

SEX: Female

DAY ON TEST: 540

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901717

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Metastasis to mediastinal lymph node (slide 3).

[Carcinoma TGLs = 2-14]

* Pituitary Gland

Pars Distalis

Hyperplasia

Moderate

[Hyperplasia TGLs = 4-16]

Skeletal Muscle

Carcinoma

Metastatic (Pancreas)

[Carcinoma TGLs = 3-15]

* Spleen

Carcinoma

Metastatic (Pancreas)

* Stomach, Glandular

Mucosa

Necrosis

Minimal

PRIMARY CAUSE OF DEATH

- Pancreas Carcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 426

TRT#: 8

SEX: Female

DAY ON TEST: 513

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901718

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	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Heart	Endocardium	Fibrosis	Mild
* Intestine Small, Ileum	Mucosa	Necrosis	Minimal
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Liver		Inflammation	Mild
		Necrosis	Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
		Foreign Body	
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Necrosis	Mild
	Lamina Propria	Pigmentation	Mild
* Spleen		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 426

TRT#: 8

SEX: Female

DAY ON TEST: 513

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901718

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Mucosa

Necrosis

Moderate

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 427

TRT#: 8

SEX: Female

DAY ON TEST: 599

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Brain		Granular Cell Tumor Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum	Mucosa	Necrosis	Minimal
* Liver		Carcinoma	Metastatic (Pancreas)
	Oval Cell	Hyperplasia	Minimal
		Necrosis	Marked
		Pigmentation	Moderate
	[Carcinoma TGLs = 6-18]		
	[Necrosis TGLs = 4,5-16+17]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery		Carcinoma	Metastatic (Pancreas)
	[Carcinoma TGLs = 1-13]		
* Nose	Nerve	Atrophy	Moderate
		Foreign Body	
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Olfactory Epi	Necrosis	Moderate
* Ovary		Carcinoma	Metastatic (Pancreas)
		Cyst	Marked
	[Carcinoma TGLs = 10-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 427

TRT#: 8

SEX: Female

DAY ON TEST: 599

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901719

ORGAN AND ACCOUNTABLE SITE STATUS

	[Cyst TGLs = 9-11]		
* Pancreas		Carcinoma	
	[Carcinoma TGLs = 2,3-14+15]		
* Pituitary Gland		Adenoma	
	Pars Distalis		
Skeletal Muscle		Carcinoma	Metastatic (Pancreas)
	[Carcinoma TGLs = 7-19]		
* Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular		Inflammation	Mild
	Mucosa	Necrosis	Mild
* Urinary Bladder		Carcinoma	Metastatic (Pancreas)
	[Carcinoma TGLs = 11-5]		
* Uterus		Schwannoma Malignant	
	Cervix		
	[Schwannoma Malignant TGLs = 8-20]		

PRIMARY CAUSE OF DEATH - Pancreas Carcinoma

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 531

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Pancreas	* Spleen
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Brain	Meninges	Schwannoma Malignant	Metastatic (Pituitary Gland)
	[Schwannoma Malignant TGLs = 2-14]		
* Heart		Cardiomyopathy	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epih	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epih	Atrophy	Minimal
	Turbinat	Hyperostosis	Minimal
	Olfactory Epi	Hyperplasia	Basal Cell, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Olfactory Epi	Necrosis	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Nervosa	Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 1-13]		
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Nervosa Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 429

TRT#: 8

SEX: Female

DAY ON TEST: 173

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	

MISSING

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Ovary
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Nose	Olfactory Epi Nerve	Atrophy Atrophy Foreign Body	Mild Mild
	Turbinate	Hyperostosis Inflammation	Minimal Suppurative, Moderate
	Olfactory Epi Epithelium, Nasopharyn Dct Respirat Epith	Metaplasia Necrosis Necrosis	Respiratory, Mild Moderate Mild

PRIMARY CAUSE OF DEATH

- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 430

TRT#: 8

SEX: Female

DAY ON TEST: 161

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901722

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart	Epicardium	Inflammation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Necrosis	Mild
		Pigmentation	Moderate
* Lung		Inflammation	Suppurative, Mild
	[Inflammation TGLs = 2-3+4]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Respirat Epith	Atrophy	Minimal
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Minimal
* Spleen		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 431

TRT#: 8

SEX: Female

DAY ON TEST: 434

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901723

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, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Renal	Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLs = 2-14]			
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
	Lamina Propria	Pigmentation	Moderate
* Ovary		Inflammation	Marked
[Inflammation TGLs = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Mucosa	Necrosis	Mild

PRIMARY CAUSE OF DEATH - Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 432

TRT#: 8

SEX: Female

DAY ON TEST: 267

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901724

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Necrosis	Marked
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Turbinates	Deformity	
	Turbinates	Hyperostosis	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Lamina Propria	Pigmentation	Moderate
* Spleen		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 434

TRT#: 8

SEX: Female

DAY ON TEST: 574

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901726

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
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Granulocytic, Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
	[Inflammation TGLs = 5-3+4]		
	Lymph Node		
	[Hyperplasia TGLs = 4-15]		
* Lymph Node, Mandibular	Renal	Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Mild
	[Hyperplasia TGLs = 6-16]	Hyperplasia	Plasma Cell, Moderate
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Atrophy	Minimal
	Turbinate	Deformity	
	Epithelium, Nasopharyn Dct	Degeneration	Mild
	Turbinate	Hyperostosis	Mild
		Inflammation	Suppurative, Moderate
	Nasopharyn Dct	Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 434

TRT#: 8

SEX: Female

DAY ON TEST: 574

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0901726

ORGAN AND ACCOUNTABLE SITE STATUS

	Olfactory Epi	Metaplasia	Respiratory, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Necrosis	Minimal
	Respirat Epith	Necrosis	Minimal
	Lamina Propria	Pigmentation	Mild
	Epithelium, Nasopharyn Dct	Regeneration	Mild
	Olfactory Epi	Squamous Metaplasia	Minimal
* Ovary		Inflammation	Marked
	[Inflammation TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLs = 3-5]		
* Stomach, Forestomach		Erosion	Mild
	Epithelium	Hyperplasia	Mild
	[Erosion TGLs = 7-17]		
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Marked
	[Inflammation TGLs = 2-14]		

PRIMARY CAUSE OF DEATH - Ovary Inflammation

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 236

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Clitoral 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	* Ovary	* Pancreas
* Spleen	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Bone	* Nose	* Stomach, Forestomach	* Stomach, Glandular
--------	--------	------------------------	----------------------

OBSERVATIONS

* Adren Cortex
Note: one adrenal gland = missing
* Eye
Note: one eye = missing

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 436

TRT#: 8

SEX: Female

DAY ON TEST: 386

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901728

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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Necrosis	Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Mild
	Turbinate	Deformity	
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Olfactory Epi	Necrosis	Mild
	Epithelium, Nasopharyn Dct	Necrosis	Moderate
	Respirat Epith	Necrosis	Minimal
	Epithelium, Nasopharyn Dct	Regeneration	Moderate
	Olfactory Epi	Squamous Metaplasia	Mild
* Spleen		Depletion Lymphoid	Moderate
* Thymus		Hemorrhage	Moderate

[Hemorrhage TGLs = 1-3+13]

PRIMARY CAUSE OF DEATH - Liver Necrosis

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 668

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901729

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, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 4-14]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLs = 3-13]		
* Nose	Olfactory Epi	Atrophy	Mild
	Nerve	Atrophy	Mild
	Epithelium, Nasopharyn Dct	Degeneration	Moderate
	Turbinate	Hyperostosis	Mild
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Mild
	Respirat Epith	Pigmentation	Minimal
	Epithelium, Nasopharyn Dct	Regeneration	Moderate
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 668

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0901729

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Adenoma	
		Inflammation	Marked

[Adenoma TGLs = 2-11]

PRIMARY CAUSE OF DEATH - Uterus Adenoma

Experiment Number: 20203 - 03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Green tea extract
CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
Time Report Requested: 09:47:59
First Dose M/F: 07/18/07 / 07/19/07
Lab: BAT

ANIMAL ID: 438

TRT#: 8

SEX: Female

DAY ON TEST: 20

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0901730

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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Trachea	Hemorrhage	Mild

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901731

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinat	Deformity	
	Turbinat	Hyperostosis	Moderate
	Olfactory Epi	Hyperplasia	Basal Cell, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Lamina Propria	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach		Inflammation	Mild
* Uterus		Adenocarcinoma	

[Adenocarcinoma TGLs = 1-13]

Experiment Number: 20203 - 03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Green tea extract
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013
 Time Report Requested: 09:47:59
 First Dose M/F: 07/18/07 / 07/19/07
 Lab: BAT

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Focal
[Mixed Cell Focus TGLs = 4-6+7+16]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
[Inflammation TGLs = 5-3+4]			
* Lymph Node, Mandibular		Degeneration	Cystic, Mild
* Nose	Olfactory Epi	Atrophy	Minimal
	Nerve	Atrophy	Moderate
	Turbinate	Hyperostosis	Moderate
		Inflammation	Suppurative, Mild
	Nasopharyn Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0901732

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
[Cyst TGLs = 1-13]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Hyperplasia	Mild
		Inflammation	Mild
[Hyperplasia TGLs = 3-15]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
[Hyperplasia TGLs = 2-14]			

*** END OF REPORT ***