C Number:	C88036
Lock Date:	07/23/1997
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	02/26/1999

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 485
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone		Osteosarcoma	
Note: Osteosarc is presumably from first rib or cervical/thoracic vertebra. Osteosarc accounts for clin obs of paralysis.			
[Osteosarcoma TGLS = 3-13]			
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Marked
* Pancreas	Duct	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
Skeletal Muscle		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 3-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 485
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601001

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mesenteric		Ectasia	Mild
Oral Mucosa		Squamous Cell Papilloma	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hyperplasia	Minimal
		Inflammation	Mild
		Ulcer	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601002

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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, 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	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Mild
[Thrombosis TGLS = 5-5]			
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
[Pigmentation TGLS = 4-1]			
* Liver	Centrilobular	Degeneration	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Foreign Body	
		Inflammation	Mild
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601004

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 6-7]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601005

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 681
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
		Mineralization	Moderate
* Intestine Large, Cecum		Edema	Marked
		Inflammation	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
* Lung		Mineralization	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-12]			
* Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 681
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601006

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Seminal Vesicle		Mineralization	Mild
* Spleen		Congestion	Mild
		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Pancreas	Artery	Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
		Hyperplasia	Mild
		Inflammation	Mild
[Adenoma TGLS = 1-11]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
	Artery	Inflammation	Mild
[Adenoma TGLS = 1-10]			
[Hyperplasia TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601008

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-7]			
Blood Vessel		Mineralization	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
[Necrosis TGLS = 3,4-4,5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-12]			
* Parathyroid Gl			
Note: NO CORRELATING LESION TGLS = 8-7.			
* Preputial Gland		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601009

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Benign

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* 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			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Accessory Spleen	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601011

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Hemorrhage	Moderate
* Brain	Cerebrum	Degeneration	Mild
		Hemorrhage	Minimal
* Epididymis		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Leukemia Mononuclear	
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601012

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Mild
		Leukemia Mononuclear	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 3-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Cerebrum Degeneration

Animal Note: Appearance is of leukemic animal; some organs display lesions typical of MCL, ot hers appear more like (the rare) malignant lymphoma.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Mesothelioma Malignant	
* Heart		Leukemia Mononuclear	
	Atrium	Thrombosis	Minimal
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 8-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 6-12]			
[Leukemia Mononuclear TGLS = 7-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601013

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-15]			
[Leukemia Mononuclear TGLS = 9-13]			
[Leukemia Mononuclear TGLS = 10-14]			
[Leukemia Mononuclear TGLS = 5-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-4]			
* Nose		Foreign Body	
		Inflammation	Mild
* Preputial Gland		Inflammation	Moderate
* Prostate		Inflammation	Minimal
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	
[Adenoma TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-13]			
* Pancreas		Atrophy	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
Note: Massive hemorrhage in adenoma contributed to death.			
[Adenoma TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601014

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* 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			
* Kidney		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Stomach, Forestomach		Foreign Body	
		Inflammation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601016

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 540
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 6-4]			
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Foreign Body	
		Inflammation	Minimal
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Skin	Sebaceous Gl	Adenoma	
	Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601018

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-12]			
[Fibroma TGLS = 1-12]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-1]			
[Leukemia Mononuclear TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
[Hyperplasia TGLS = 3-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 6-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4,5]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601019

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland		Hemorrhage	Moderate
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601020

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Cyst	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Mild
* Skin	Subcut Tiss	Fibroma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401021

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]		
* Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone		Necrosis	Mild
		Osteopetrosis	Moderate
* Bone Marrow		Myelofibrosis	Mild
		Necrosis	Mild
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Moderate
		Nephropathy	Minimal
[Inflammation TGLS = 6-1]			
* Liver	Centrilobular	Degeneration	Moderate
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
		Thrombosis	Minimal
[Degeneration TGLS = 5-4,5]			
* Lung		Inflammation	Minimal
* Lymph Node, Mandibular		Necrosis	Marked
* Lymph Node, Mesenteric		Necrosis	Marked
Mesentery		Inflammation	Mild
	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-12]			
* Nose		Foreign Body	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601022

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Necrosis	Moderate
[Necrosis TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Necrosis	Marked
[Necrosis TGLS = 3-2]			

PRIMARY CAUSE OF DEATH	- Kidney Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Liver Centrilobular Degeneration

Animal Note: Multiple embolic suppurative foci with bacterial colonies. All tissues autolyze d.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 4-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-13]			
* Spleen		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 3-10]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601023

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Intestine Small, Duodenum		Ulcer	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 2-4,5]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Marked
		Inflammation	Moderate
		Ulcer	Marked
* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601024

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Congestion	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Congestion TGLS = 3-4]			
[Leukemia Mononuclear TGLS = 2,3-4,5]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	Pars Nervosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601025

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gl			
Note: only 1 gland on slide			
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 5-4]			
* Lung		Inflammation	Minimal
* Pancreas		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601026

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-12]			
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Depletion Cellular	Mild
[Atrophy TGLS = 2-1]			
[Depletion Cellular TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601027

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]		
* Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lung		Inflammation	Minimal
		Thrombosis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 1-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Pigmentation	Moderate
* Bone Marrow		Hyperplasia	Mild
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Marked
[Cyst TGLS = 8-12]			
[Pigmentation TGLS = 1-1,12]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601029

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Adenoma	
		Inflammation	Mild
[Adenoma TGLS = 6-11]			
[Inflammation TGLS = 6-11]			
* Prostate		Inflammation	Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-12]			
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 555
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

Blood Vessel		Mineralization	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Moderate
		Mineralization	Diffuse, Minimal
		Nephropathy	Mild
Note: Marked papillary necrosis due to hydronephrosis.			
[Hydronephrosis TGLS = 3,4-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Fibrosis	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Marked
Note: Marked ulcerative urocystitis with marked hemorrhage and edema.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 555
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601030

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-1]

PRIMARY CAUSE OF DEATH	- Urinary Bladder	Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Nose	* 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			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lymph Node, Mandibular		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-11]			
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 562
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery		Inflammation	Minimal
Note: inflammation believed to be related to capsular invasion of islet tumor			
* Pancreas		Atrophy	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 562
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601034

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Islets, Pancreatic Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 499
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
		Pigmentation	Moderate
[Pigmentation TGLS = 5-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Mild
* Sem Ves			
Note: Small gross size equates to atrophy/decreased secretion typical of aged rat with interstitial adenomas of testes.			
* Spleen		Hemorrhage	Mild
		Infarct	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,3-12]			
* Stomach, Forestomach		Edema	Marked
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 499
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601035

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Moderate
		Ulcer	Moderate
* Stomach, Glandular		Erosion	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Inflammation	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Small, Duodenum		Ulcer	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Skin	Subcut Tiss	Schwannoma Malignant	

Note: Malignant fibrous histiocytoma of skin/salivary gland is TGL5.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601038

ORGAN AND ACCOUNTABLE SITE STATUS

[Schwannoma Malignant TGLS = 5-13]			
* Spleen		Accessory Spleen	
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Accessory Spleen TGLS = 3-12]			
[Leukemia Mononuclear TGLS = 2-12]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lymph Node, Mandibular		Ectasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Fibrosarcoma	
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Fibrosarcoma TGLS = 1,2-13]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601039

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Nose		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Testes		Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Nose	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 1-13]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601041

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Brain			
Note: Hydrocephalus and hemorrhage noted due to pituitary tumor.			
* Heart		Cardiomyopathy	Mild
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Adenoma	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes		Atrophy	Marked
[Atrophy TGLS = 1-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone	Tibia	Chondroma	
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
Mesentery		Mesothelioma Malignant	
Note: Numerous foci of mesothelioma on serosal surfaces of most abdominal and retroperitoneal organs.			
[Mesothelioma Malignant TGLS = 2-12]			
* Pancreas		Atrophy	Marked
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601043

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Hyperplasia	Minimal
		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 4-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 5-5]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Infarct	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601044

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Fibroadenoma	
* Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 3-13]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601045

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* 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	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Leukemia Mononuclear	
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601047

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 4-7]			
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601048

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601049

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lung		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
* Prostate		Leukemia Mononuclear	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601050

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]		
* Thymus	Atrophy	Marked
* Urinary Bladder	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hemorrhage	Mild
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Minimal
* Preputial Gland		Carcinoma	
		Inflammation	Marked
[Carcinoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601051

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Mild
* Spleen		Congestion	Mild
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
[Fibrosis TGLS = 3-1]			
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601052

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Minimal
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Minimal
* Skin		Basal Cell Adenoma	
	Subcut Tiss	Fibroma	
[Basal Cell Adenoma TGLS = 1-12]			
[Fibroma TGLS = 2-13]			
* Spleen	Red Pulp	Depletion Cellular	Minimal
		Hematopoietic Cell Proliferation	Minimal
[Depletion Cellular TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Skin Basal Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601053

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Mesothelioma Malignant	
* Islets, Pancreatic		Mesothelioma Malignant	
* Kidney		Hydronephrosis	Mild
		Mesothelioma Malignant	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
[Hydronephrosis TGLS = 3-1]			
[Mesothelioma Malignant TGLS = 4-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
* Lymph Node, Mesenteric		Mesothelioma Malignant	
Mesentery		Mesothelioma Malignant	
Note: mesothelioma attached to most serosal surfaces of abdominal organs and peritoneal wall			
[Mesothelioma Malignant TGLS = 2-12]			
* Pancreas		Mesothelioma Malignant	
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601054

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Mesothelioma Malignant	
* Stomach, Glandular		Inflammation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 5-10]			
* Thymus		Mesothelioma Malignant	
Note: mesothelioma also in adjacent mediastinal lymph node			
* Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4,5]			
* Lung		Leukemia Mononuclear	
Note: Diffuse congestion contributed to gross appearance; no significant lesion noted to explain gross red foci.			
* Lymph Node, Mesenteric		Ectasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601055

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
[Atrophy TGLS = 4-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601056

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
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2]			
[Leukemia Mononuclear TGLS = 5-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Respirat Epith	Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601056

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Mild
* Pituitary Gland		Angiectasis	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4,5]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601057

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-11]			
* Prostate		Inflammation	Moderate
* Spleen	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3-12]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS			
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Nervosa	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen	Red Pulp	Depletion Cellular	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601059

ORGAN AND ACCOUNTABLE SITE STATUS

[Depletion Cellular TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 5-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 6-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-12]			
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601060

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Moderate
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Skin	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 5-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 6-4]			
* Mammary Gland		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601061

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Minimal
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Hyperplasia	Moderate
		Ulcer	Marked
[Ulcer TGLS = 7-12]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10]			
[Atrophy TGLS = 3-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Marked
[Mineralization TGLS = 4-7]			
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
		Mineralization	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
[Degeneration TGLS = 2-4]			
* Lung		Chordoma	Metastatic (Uncertain Primary Site)
		Mineralization	Moderate
* Lymph Node, Mandibular		Ectasia	Mild
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601062

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Moderate
		Mineralization	Mild
* Nose		Foreign Body	
		Inflammation	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Lung Chordoma Uncertain Primary Site
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601063

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 668
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* 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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 6-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2]			
* Pancreas		Atrophy	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
[Ectasia TGLS = 8-11]			
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 668
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601064

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601065

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Intestine Small, Ileum		Inflammation	Mild
* Intestine Small, Jejunum		Ulcer	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 2-12]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601066

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 477
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Mild
* Mammary Gland		Fibroadenoma	
* Nose		Foreign Body	
		Inflammation	Marked
* Pituitary Gland		Cyst	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Pigmentation	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH	- Thyroid Gland Follicular Cel Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Osteomalacia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Hyperplasia TGLS = 6-13]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-12]			
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 8-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601068

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-7]			
* Preputial Gland	Bilateral	Adenoma	
[Adenoma TGLS = 4-11]			
* Prostate		Inflammation	Marked
* Spleen		Congestion	Mild
	Red Pulp	Depletion Cellular	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
[Depletion Cellular TGLS = 2-13]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-13]			
* Parathyroid Gland		Carcinoma	Metastatic (Thyroid Gland)
* Preputial Gland		Hyperplasia	Minimal
		Inflammation	Minimal
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601069

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Carcinoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Degeneration TGLS = 2-13]			
[Hepatocellular Adenoma TGLS = 3-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601070

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Epididymis	* Esophagus	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601071

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 710
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* 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	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Heart		Cardiomyopathy	Mild
	Artery	Inflammation	Mild
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 4-1]			
[Nephropathy TGLS = 2-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Atrophy	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 710
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601072

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Edema	Mild
		Hyperplasia	Moderate
		Ulcer	Mild
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 6,7-4,5,13]			
[Vacuolization Cytoplasmic TGLS = 6,7-4,5,13]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 9-12]			
* Pancreas		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601073

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Ectasia	Marked
		Hyperplasia	Mild
[Ectasia TGLS = 5-11]			
* Prostate		Inflammation	Mild
* Spleen		Congestion	Moderate
		Hematopoietic Cell Proliferation	Minimal
[Congestion TGLS = 4-1]			
[Hematopoietic Cell Proliferation TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
[Hyperplasia TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Pigmentation	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601074

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Moderate
		Vacuolization Cytoplasmic	Mild
[Necrosis TGLS = 3-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Adenoma	
		Inflammation	Mild
[Adenoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Minimal
Note: Autolytic foci noted as TGL-5.			
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601075

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Liver Centrilobular Necrosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 7-11]			
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 11-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 12-4]			
* Lung		Inflammation	Mild
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 10-11]			
* Seminal Vesicle		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601076

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 8-10]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 5-10]			
[Mesothelioma Malignant TGLS = 6-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 9-1]			
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-6]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
* Prostate		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601078

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Marked
[Ulcer TGLS = 3-12]			
* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
		Hyperplasia	Marked
		Hypertrophy	Focal, Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601079

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601080

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-12]			
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Hyperplasia TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Preputial Gland	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Osteomalacia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Prostate		Inflammation	Moderate
* Salivary Glands		Atrophy	Marked
* Spleen		Congestion	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Mild
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601081

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 4-12]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Angiectasis TGLS = 4-4]			
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601082

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus	Epithel Cell	Hyperplasia	Marked
[Hyperplasia TGLS = 5-2]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
	Artery	Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601083

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Salivary Glands
* Seminal Vesicle	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Marked
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Ulcer	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Foreign Body	
	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Marked
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Marked
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 4-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601084

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Moderate
[Ulcer TGLS = 5-14]			
* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Marked
[Carcinoma TGLS = 1-12]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Thyroid Gland Follicular Cel Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Heart	* 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	* Nose
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-7]			
* Bone		Osteomalacia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Skin	Hair Follicle	Atrophy	Mild
[Atrophy TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach		Hyperplasia	Moderate
		Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601085

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-4]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 3-10]			
[Hyperplasia TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Coagulating Gland		Inflammation	Marked
[Inflammation TGLS = 6-14]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
[Basophilic Focus TGLS = 7-5]			
* Lung		Pigmentation	Minimal
Lymph Node	Renal	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 5-13]			
* Mammary Gland		Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601086

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Mild
Note: Inflammation is adjacent to sem ves, in coagulating gland.			
[Inflammation TGLS = 6-14]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Moderate
		Ulcer	Marked
[Ulcer TGLS = 9-15]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Preputial Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601087

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- UNCERTAIN

Animal Note: Left testis and epid. cannibalized; mass noted antemortem also cannibalized. PC OD not determined; suspect septicemia due to ulcerated mass.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* 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	* Parathyroid Gland	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteomalacia	Mild
* Esophagus		Inflammation	Marked
		Ulcer	Marked
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Mild
[Nephropathy TGLS = 1-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Marked
* Lung	Mediastinum	Inflammation	Moderate
* Mammary Gland		Hyperplasia	Mild
* Nose		Foreign Body	
		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601088

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Marked
* Stomach, Forestomach		Hyperplasia	Moderate
		Perforation	
[Perforation TGLS = 3-12]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH - Esophagus Ulcer;Kidney Nephropathy;Lung Mediastinum Inflammation;Stomach;Forestomach Perforation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
Note: heterotopic bone present			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Mild
[Ectasia TGLS = 3-11]			
* Prostate		Inflammation	Marked
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601089

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Epididymis	* Esophagus
* 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	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Minimal
* Bone		Osteomalacia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2,3-12,4]			
* Lung		Inflammation	Minimal
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601090

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Erosion	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Osteomalacia	Minimal
* Bone Marrow		Hemorrhage	Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Mixed Cell Focus	
* Mammary Gland		Fibroadenoma	
* Pancreas		Atrophy	Mild
* Preputial Gland		Hyperplasia	Minimal
		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601091

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Marked
Note: Marked fat infiltration			
[Infiltration Cellular TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Esophagus		Fibrosarcoma	Metastatic (Salivary Glands)
* Heart		Cardiomyopathy	Minimal
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-5]			
* Lymph Node, Mandibular		Fibrosarcoma	Metastatic (Salivary Glands)
* Lymph Node, Mesenteric		Ectasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 2-12]			
* Prostate		Inflammation	Minimal
* Salivary Glands		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601092

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Fibrosarcoma	Metastatic (Salivary Glands)
* Trachea		Fibrosarcoma	Metastatic (Salivary Glands)
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Salivary Glands Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Marked
[Mineralization TGLS = 5-7]			
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Mineralization	Mild
* Heart		Cardiomyopathy	Moderate
		Mineralization	Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601093

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-5]			
* Lung		Inflammation	Mild
		Mineralization	Mild
* Mammary Gland		Hyperplasia	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2-12]			
* Lung		Inflammation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601094

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Lymph Node, Mandibular		Schwannoma Malignant	Metastatic (Salivary Glands)
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Minimal
* Prostate		Cyst	Mild
		Inflammation	Minimal
Note: cyst formation is compatible with preneoplastic carcinomatous change			
* Salivary Glands		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 3-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601095

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Minimal
* Stomach, Glandular		Fibrosis	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland		Schwannoma Malignant	Metastatic (Salivary Glands)
PRIMARY CAUSE OF DEATH	- Salivary Glands Schwannoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 4-4,5]			
[Hepatocellular Adenoma TGLS = 5-5]			
* Pancreas		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601096

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Minimal
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
* Lung		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Mild
[Ectasia TGLS = 3-11]			
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601097

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-10]		
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601098

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
[Carcinoma TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-7]			
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Nose		Hemorrhage	Moderate
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601099

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Angiectasis TGLS = 4-4,5]			
[Basophilic Focus TGLS = 4-5]			
[Degeneration TGLS = 4-4,5]			
[Hepatodiaphragmatic Nodule TGLS = 5-4]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Mammary Gland		Cyst	Marked
	Duct	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601100

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Cyst		
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Angiectasis TGLS = 4-4]			
[Mixed Cell Focus TGLS = 5,6-4,12]			
* Pancreas		Atrophy	Mild
		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Moderate
* Prostate		Inflammation	Mild
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601101

ORGAN AND ACCOUNTABLE SITE STATUS

	Red Pulp	Depletion Cellular	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mild
		Pigmentation	Minimal
Note: Fat infiltration in spleen			
[Depletion Cellular TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Osteomalacia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601102

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Moderate
		Ulcer	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-12]			
[Mixed Cell Focus TGLS = 4-12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601103

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 4-12]			
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
[Mixed Cell Focus TGLS = 4-12]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas		Atrophy	Mild
		Hypertrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601104

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes		Atrophy	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601105

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 4-4,5]			
* Mammary Gland		Hyperplasia	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Prostate		Inflammation	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601106

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Thrombosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601107

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Mild
* Skin	Subcut Tiss	Inflammation	Granulomatous, Marked
[Inflammation TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 5-4,5]			
[Eosinophilic Focus TGLS = 5-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Marked
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 1-7]			
* Preputial Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601108

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 3-13]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 6-4,5]			
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 5-7]			
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Skin	Subcut Tiss	Fibroma	
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601109

ORGAN AND ACCOUNTABLE SITE STATUS

	Red Pulp	Depletion Cellular	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Depletion Cellular TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Adenoma	
		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 5-4]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Parathyroid Gland		Carcinoma	Metastatic (Thyroid Gland)
		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601110

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Marked
* Spleen		Congestion	Mild
		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Hemangiosarcoma TGLS = 7-1]			
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
	Follicle	Cyst	Mild
[Adenoma TGLS = 4-7]			
[Carcinoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 312
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 2-6]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Pigmentation	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Trachea		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular	Degeneration	Mild
	Bile Duct	Hyperplasia	Minimal
* Lung		Hemorrhage	Mild
		Mineralization	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-7]			
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601112

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Fibrosis TGLS = 2-1]			
* Stomach, Forestomach		Hyperplasia	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Osteomalacia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
		Pigmentation	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Salivary Glands		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Minimal
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 4-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601113

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Salivary Glands Schwannoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 4-4]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 5-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601114

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Congestion TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Thrombosis	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Mineralization	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 4-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601115

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Minimal
* Stomach, Glandular		Mineralization	Mild
		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Pancreas		Hypertrophy	Focal, Minimal
	Artery	Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601116

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Adenoma	
		Inflammation	Minimal
* Prostate		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601117

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Accessory Spleen	
		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Accessory Spleen TGLS = 4-12]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Epididymis	* Esophagus
* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Angiectasis	Mild
		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-4,5]			
* Lung		Inflammation	Mild
* Pancreas		Atrophy	Minimal
		Hypertrophy	Focal, Minimal
* Parathyroid Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601118

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Marked
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye	Retina	Degeneration	Moderate
	Cornea	Inflammation	Marked
[Inflammation TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 5-4]			
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-4]			
[Mixed Cell Focus TGLS = 6-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601119

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Marked
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
[Hyperplasia TGLS = 3-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 5-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 1-11]			
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601120

ORGAN AND ACCOUNTABLE SITE STATUS

Note: acute hemorrhage noted			
* Seminal Vesicle		Dilatation	Moderate
Note: hemorrhage noted, which contributed to TGL4			
[Dilatation TGLS = 4-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Urinary Bladder		Hemorrhage	Marked
		Inflammation	Moderate
[Hemorrhage TGLS = 3-1]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 6-13]			

PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Hydronephrosis;Preputial Gland Adenoma;Urinary Bladder Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Bilateral, Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 4-12]			
[Eosinophilic Focus TGLS = 4-12]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601121

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body	
		Inflammation	Mild
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Minimal
		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
[Fibrosis TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1,2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 4-4,5]			
* Lung		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-12]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601122

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601123

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Marked
* Brain		Inflammation	Suppurative, Moderate
* Heart		Inflammation	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
	Transit Epithe	Papilloma	
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung		Inflammation	Marked
[Inflammation TGLS = 8-2,3]			
* Mammary Gland		Hyperplasia	Moderate
* Nose		Foreign Body	
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601123

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Angiectasis	Minimal
		Congestion	Minimal
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
Note: constricted area noted grossly (TGL5) is associated with a developmental deformity and focal angiectasis			
[Angiectasis TGLS = 5-12]			
[Fibrosis TGLS = 6-12]			
* Stomach, Forestomach		Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 7-7]			

PRIMARY CAUSE OF DEATH	- Lung	Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Brain	Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Pancreas	Artery	Inflammation	Moderate
* Pituitary Gland		Hemorrhage	Moderate
	Pars Distalis	Hyperplasia	Marked
[Hemorrhage TGLS = 2-7]			
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601124

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
[Degeneration TGLS = 5-13]			
[Eosinophilic Focus TGLS = 5,6-13,14]			
[Hepatocellular Adenoma TGLS = 3-13]			
[Mixed Cell Focus TGLS = 4-4]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601125

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Skin	Subcut Tiss	Lipoma	
[Lipoma TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Thyroid Gland			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 6-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
		Vacuolization Cytoplasmic	Minimal
[Necrosis TGLS = 5-4,5]			
* Lung		Mesothelioma Malignant	
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601126

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-11]			
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
[Necrosis TGLS = 5-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Note: alveolar hyperplasia with interstitial inflammation			
Lymph Node	Mediastinal	Ectasia	Minimal
[Ectasia TGLS = 7-2]			
Mesentery		Mesothelioma Malignant	
Note: Mesothelioma attached to serosal surfaces of most abdominal organs.			
[Mesothelioma Malignant TGLS = 4-12]			
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601127

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 2-10]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
	Serosa	Inflammation	Marked
Note: Pigment-laden macrophages thicken the serosa.			

PRIMARY CAUSE OF DEATH - Epididymis Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
[Degeneration TGLS = 2-5]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601128

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Marked
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Cyst TGLS = 4-12]			
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 5-4,5,12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601129

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-13]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 4-13]			
[Eosinophilic Focus TGLS = 4-13]			
[Hepatocellular Adenoma TGLS = 5-13]			
[Mixed Cell Focus TGLS = 4-13]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601130

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 1-12]			
Oral Mucosa		Squamous Cell Papilloma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
* Nose		Foreign Body	
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
* Prostate		Inflammation	Moderate
* Spleen	Lymph Follic	Atrophy	Marked
		Congestion	Minimal
		Pigmentation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
Tissue NOS		Chemodectoma Benign	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601131

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Mass has endocrinoid appearance and is interpreted to be a chemodectoma and not of lymphoid origin. Autolysis precludes clear definition.
[Chemodectoma Benign TGLS = 2-12]

PRIMARY CAUSE OF DEATH - Tissue NOS Chemodectoma Benign

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Carcinoma	
		Inflammation	Minimal
[Carcinoma TGLS = 2-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601132

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Osteomalacia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Edema	Marked
		Hyperplasia	Moderate
* Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601133

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Pancreas	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone		Osteomalacia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
* Liver		Degeneration	Cystic, Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

Animal Note: all tissues quite autolyzed

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-7]			
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
* Pancreas		Atrophy	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601135

ORGAN AND ACCOUNTABLE SITE STATUS

	Red Pulp	Depletion Cellular	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Depletion Cellular TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Cyst TGLS = 4-1]			
[Nephropathy TGLS = 1-1]			
* Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Nose		Inflammation	Mild
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601136

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]			
* Preputial Gland		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Forestomach		Hyperplasia	Moderate
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 5-10]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
* Bone		Osteomalacia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Ulcer	Minimal
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Cyst TGLS = 2-12]			
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
[Angiectasis TGLS = 4-13]			
* Mammary Gland		Hyperplasia	Minimal
* Nose		Foreign Body	
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601137

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Edema	Mild
		Hyperplasia	Moderate
		Ulcer	Marked
[Ulcer TGLS = 6-12]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-4]			
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601138

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
	Renal Tubule	Oncocytoma Benign	
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 5-4,5]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 4-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601139

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-12]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Prostate	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Moderate
		Nephropathy	Marked
	Transit Epithe	Papilloma	
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular	Degeneration	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 2-5]			
* Lung		Inflammation	Minimal
		Mineralization	Mild
* Mammary Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601140

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland		Cyst	Marked
[Cyst TGLS = 4-7]			
* Preputial Gland		Inflammation	Mild
* Seminal Vesicle		Mineralization	Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 5-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Osteomalacia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Hydronephrosis	Mild
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Hydronephrosis TGLS = 5-1]			
[Nephropathy TGLS = 5-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Moderate
Mesentery		Mesothelioma Malignant	
	Fat	Necrosis	Mild
[Necrosis TGLS = 7-13]			
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 687
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601141

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
Note: acute hemorrhage noted			
* Seminal Vesicle		Dilatation	Marked
Note: acute hemorrhage present			
[Dilatation TGLS = 3-12]			
* Spleen		Congestion	Minimal
		Pigmentation	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1,2-10]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Hemorrhage	Marked
		Inflammation	Mild
Note: Micro appearance suggestive of antemortem calculi as cause of death.			
[Hemorrhage TGLS = 4-1]			

PRIMARY CAUSE OF DEATH	- Urinary Bladder Hemorrhage
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-12]			
Eye		Cataract	Marked
	Retina	Degeneration	Marked
[Cataract TGLS = 1-13]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Mesothelioma Malignant	
* Lymph Node, Mesenteric		Ectasia	Mild
Mesentery		Mesothelioma Malignant	
Note: mesothelioma attached to most serosal surfaces of abdominal organs			
[Mesothelioma Malignant TGLS = 8-13]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601142

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
[Ectasia TGLS = 10-11]			
* Prostate		Inflammation	Mild
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 7-11]			
* Seminal Vesicle		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 6-10]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	
[Adenoma TGLS = 2-10]			
[Mesothelioma Malignant TGLS = 3-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-1]			

PRIMARY CAUSE OF DEATH - Epididymis Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Inflammation	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2-12]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601143

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
* Pancreas		Atrophy	Minimal
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 3-11]			
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601144

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Dermis	Fibrosis	Marked
[Fibrosis TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Osteomalacia	Moderate
* Esophagus		Ulcer	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Foreign Body	
		Inflammation	Marked
* Nose		Inflammation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601145

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Lung Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 4-4,5,12]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Marked
[Ectasia TGLS = 5-11]			
[Inflammation TGLS = 5-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601146

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Moderate
* Salivary Glands		Hyperplasia	Minimal
* Spleen		Congestion	Minimal
	Red Pulp	Depletion Cellular	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Depletion Cellular TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-12]			
[Mixed Cell Focus TGLS = 2-12]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pancreas		Hypertrophy	Focal, Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601147

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Infiltration Cellular	Moderate
* Prostate		Inflammation	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 4-4,5]			
[Vacuolization Cytoplasmic TGLS = 4-4,5]			
* Lymph Node, Mesenteric		Ectasia	Moderate
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Adenoma	
		Inflammation	Mild
* Prostate		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601148

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 2-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 4-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
* Lung		Foreign Body	
		Inflammation	Moderate
* Preputial Gland		Carcinoma	
		Inflammation	Mild
[Carcinoma TGLS = 1-11]			
* Spleen		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2,3-10]			
[Atrophy TGLS = 3-10]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601149

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Lung	Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Lung	Foreign Body

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 477
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			

PRIMARY CAUSE OF DEATH - Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 4-4,5,13]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601151

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-7]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 4-12]			
[Mixed Cell Focus TGLS = 4-4,5,12]			
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601152

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
[Hemangiosarcoma TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 6-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel		Mineralization	Marked
[Mineralization TGLS = 4-7]			
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Hyperplasia	Mild
* Epididymis			
Note: Extention of testicular interstitial cell adenoma noted.			
* Heart		Cardiomyopathy	Moderate
		Mineralization	Mild
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Mild
		Mineralization	Minimal
* Mammary Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601153

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-4]			
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland	Duct	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601154

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Mild
		Inflammation	Mild
[Ectasia TGLS = 1-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Osteomalacia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601155

ORGAN AND ACCOUNTABLE SITE STATUS

		Perforation	
* Stomach, Glandular		Erosion	Moderate
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 3-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
* Heart		Mineralization	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mesothelioma Malignant	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
[Nephropathy TGLS = 5-1]			
* Liver		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Hyperplasia TGLS = 6-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-12]			
* Nose		Foreign Body	
		Inflammation	Mild
Oral Mucosa	Pharyngeal	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601156

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Congestion	Mild
		Fibrosarcoma	
		Hematopoietic Cell Proliferation	Moderate
		Mesothelioma Malignant	
[Fibrosarcoma TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	
	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Moderate
[Adenoma TGLS = 7-7]			
[Adenoma TGLS = 7-7]			
* Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
Eye		Inflammation	Marked
[Inflammation TGLS = 1-12]			
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Marked
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 3-1]			
[Nephropathy TGLS = 4-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 6-13]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601157

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-14]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Nose		Foreign Body	
		Inflammation	Minimal
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Mild
* Prostate		Inflammation	Moderate
		Metaplasia	Squamous, Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Mild
* Urinary Bladder	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal

[Hepatodiaphragmatic Nodule TGLS = 3-4]
[Mixed Cell Focus TGLS = 2-4,5]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601158

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pancreas	Artery	Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Nose		Foreign Body	
		Inflammation	Mild
* Pancreas		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach		Inflammation	Minimal
		Ulcer	Minimal
[Ulcer TGLS = 4-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601159

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Inflammation	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
	Bile Duct	Cyst	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
[Cyst TGLS = 5-12]			
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 4-7]			
* Preputial Gland		Adenoma	
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601160

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-13]			
[Inflammation TGLS = 2-13]			
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum	Artery	Inflammation	Moderate
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Minimal
		Mineralization	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601161

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Nervosa	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 583
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Thrombosis	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Leukemia Megakaryocytic	
	Centrilobular	Necrosis	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung		Leukemia Megakaryocytic	
		Necrosis	Moderate
		Thrombosis	Mild
Note: Large, focal infarction.			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
		Thrombosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 583
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601162

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Mild
Note: only 1 preputial on slide			
* Prostate		Inflammation	Mild
* Spleen		Leukemia Megakaryocytic	
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
		Thrombosis	Mild
[Adenoma TGLS = 4-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Epididymis
* Esophagus	* 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	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain		Histiocytic Sarcoma	
* Intestine Large, Colon		Inflammation	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Marked
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3,4-12,4,5]			
* Lung		Histiocytic Sarcoma	
	Mediastinum	Thrombosis	Marked
Lymph Node	Mediastinal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-2]			
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Skin	Subcut Tiss	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601163

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-5]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Brain	* Epididymis
* Esophagus	* 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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Moderate
* Bone Marrow		Hyperplasia	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
		Mineralization	Mild
[Cataract TGLS = 1-13]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 8-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Mineralization	Mild
		Necrosis	Moderate
[Basophilic Focus TGLS = 7-4,5,14]			
[Necrosis TGLS = 6-4,5,14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601164

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Inflammation	Minimal
		Mineralization	Moderate
* Pancreas	Artery	Mineralization	Marked
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 9-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
[Inflammation TGLS = 5-11]			
* Skin		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-12]			
* Spleen		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
[Adenoma TGLS = 4-10]			
[Atrophy TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Hyperplasia	Minimal
		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Nose
* Parathyroid Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 4-12]			
[Eosinophilic Focus TGLS = 4-12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-14]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601166

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Carcinoma	
		Inflammation	Mild
[Carcinoma TGLS = 1-13]			
* Prostate		Inflammation	Minimal
* Salivary Glands		Mineralization	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mineralization	Mild
* Heart		Cardiomyopathy	Mild
		Mineralization	Minimal
* Intestine Large, Colon		Mineralization	Minimal
* Intestine Large, Rectum		Mineralization	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung		Hemorrhage	Minimal
		Mineralization	Mild
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose		Foreign Body	
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601167

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
		Hyperplasia	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
* Preputial Gland		Adenoma	
* Seminal Vesicle		Mineralization	Marked
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Erosion	Minimal
		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
Note: heterotopic parathyroid tissue present in thymus			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Preputial Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 4-11]			
* Prostate		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601168

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Mild
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
		Hemorrhage	Mild
		Mineralization	Mild
[Hemorrhage TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
	Medulla	Mineralization	Moderate
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601169

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-13]			
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Carcinoma	
		Inflammation	Mild
[Carcinoma TGLS = 3-11]			
* Prostate		Inflammation	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-10]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Foreign Body	
Mesentery		Mesothelioma Malignant	
* Nose		Foreign Body	
		Inflammation	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601170

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Lung Foreign Body
CONTRIBUTORY CAUSE OF DEATH	- Epididymis Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel		Mineralization	Mild
* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
		Mineralization	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
		Mineralization	Minimal
* Pancreas			
Note: heterotopic hepatocytes noted			
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601171

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 249
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 3-12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Papilloma	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601173

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Brain	* Epididymis	* Esophagus
* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-12]			
* Nose		Inflammation	Moderate
* Parathyroid Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601174

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Spleen		Fibrosis	Marked
[Fibrosis TGLS = 5-1]			
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal

[Degeneration TGLS = 1-4]
[Hepatocellular Adenoma TGLS = 2-5]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601175

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatodiaphragmatic Nodule TGLS = 5-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
[Ectasia TGLS = 4-11]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate
Note: ectopic parathyroid nodule noted			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Cyst	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Cyst TGLS = 4-1]			
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Angiectasis TGLS = 6-4]			
* Pancreas		Atrophy	Minimal
		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Minimal
[Hyperplasia TGLS = 7-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601176

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Carcinoma	
		Inflammation	Minimal
[Carcinoma TGLS = 1-11]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-4,5]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
* Preputial Gland		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601177

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Marked
		Pigmentation	Mild
Note: Spleen nodule due to focal infiltration of mature fat cells in random pattern.			
[Infiltration Cellular TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
Note: heterotopic parathyroid with thymus tissue			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 6-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
[Hepatocellular Adenoma TGLS = 3,4-13+5]			
[Mixed Cell Focus TGLS = 4-4,5]			
* Lung		Inflammation	Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
* Mammary Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601178

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-12]			
* Prostate		Inflammation	Moderate
* Skin		Hyperplasia	Mild
	Subcut Tiss	Melanoma Malignant	
[Melanoma Malignant TGLS = 1-14]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 5-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Osteomalacia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601179

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
[Degeneration TGLS = 4-4,5]			
[Eosinophilic Focus TGLS = 4-4,5]			
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Carcinoma	
	Duct	Ectasia	Mild
		Inflammation	Minimal
[Carcinoma TGLS = 2-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601180

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 3-12]			
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Artery	Inflammation	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Minimal
* Prostate		Atrophy	Moderate
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601181

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Moderate
		Nephropathy	Minimal
		Pigmentation	Moderate
* Liver	Centrilobular	Degeneration	Moderate
		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 7-13]			
* Lung		Pigmentation	Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3,5-12]			
* Pancreas		Atrophy	Minimal
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Skin	Subcut Tiss	Melanoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601182

ORGAN AND ACCOUNTABLE SITE STATUS

[Melanoma Malignant TGLS = 1-14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	
[Adenoma TGLS = 6-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal
	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	- Epididymis Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
		Mineralization	Minimal
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601183

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 5-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Marked
* Pancreas		Atrophy	Minimal
		Hypertrophy	Focal, Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild
	Red Pulp	Depletion Cellular	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Depletion Cellular TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
		Hemorrhage	Moderate
	Cornea	Inflammation	Mild
		Mineralization	Minimal
[Hemorrhage TGLS = 3-15]			
* Heart		Inflammation	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 7-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Hemorrhage	Mild
		Hepatocellular Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601184

ORGAN AND ACCOUNTABLE SITE STATUS

		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Degeneration TGLS = 6,9-14,5]			
[Hemorrhage TGLS = 6-14]			
[Hepatocellular Adenoma TGLS = 10-16]			
[Hepatodiaphragmatic Nodule TGLS = 5-4]			
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 8-12]			
* Preputial Gland		Inflammation	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 4-13]			
* Spleen		Congestion	Moderate
		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 681
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hemorrhage	Mild
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
		Mineralization	Moderate
* Intestine Large, Colon		Edema	Moderate
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
[Degeneration TGLS = 5-4,5]			
* Lung		Mineralization	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 681
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601186

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-7]			
* Preputial Gland	Duct	Ectasia	Moderate
* Prostate		Mineralization	Mild
* Seminal Vesicle		Mineralization	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Mineralization	Moderate
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 3-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder	Transit Epithe	Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601187

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-12]			
* Bone	Maxilla	Osteosarcoma	
[Osteosarcoma TGLS = 3-9]			
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Osteosarcoma	Metastatic (Bone)
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601188

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Inflammation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH	- Bone Maxilla Osteosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Hypertrophy TGLS = 3-4,5]			
[Mixed Cell Focus TGLS = 3-4,5]			
* Lymph Node, Mesenteric		Ectasia	Minimal
* Pancreas	Artery	Inflammation	Mild
* Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601189

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 3-12]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601190

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3,4-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 6-12]			
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601191

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Moderate
* Spleen	Red Pulp	Depletion Cellular	Minimal
		Pigmentation	Minimal
[Depletion Cellular TGLS = 5-1]			
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Mild
* Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Brain	* Esophagus	* 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
* Nose	* Prostate	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Mild
	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 7-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,8-4,5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601192

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 9-7]			
* Preputial Gland		Inflammation	Mild
* Seminal Vesicle		Mesothelioma Malignant	
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Mesothelioma Malignant	
[Leukemia Mononuclear TGLS = 6-1]			
* Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Inflammation	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 3-12]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Nose		Foreign Body	
		Inflammation	Mild
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601193

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 5-7]			
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Bilateral, C Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Mild
		Leukemia Mononuclear	
Eye		Degeneration	Moderate
[Degeneration TGLS = 1-12]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
[Pigmentation TGLS = 6-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 7-7]			
* Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601194

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Fibroma	
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Fibroma TGLS = 4-13]			
[Leukemia Mononuclear TGLS = 3-13]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Moderate
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Mild
[Adenoma TGLS = 1-11]			
* Prostate		Inflammation	Minimal
* Spleen		Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601195

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Fibrosis TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-4,5]			
[Mixed Cell Focus TGLS = 3-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mandibular		Ectasia	Mild
* Pancreas		Atrophy	Minimal
		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Nervosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601196

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Inflammation	Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Nephropathy	Marked
		Pigmentation	Mild
[Nephropathy TGLS = 6-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Moderate
		Vacuolization Cytoplasmic	Mild
[Necrosis TGLS = 2,4-5]			
[Vacuolization Cytoplasmic TGLS = 3-4]			
* Mammary Gland		Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 8-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Skin		Cyst Epithelial Inclusion	

Note: Only cyst contents (keratin) present in block and on slide.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601197

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst Epithelial Inclusion TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 7-10]			
[Hyperplasia TGLS = 7-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Liver Centrilobular Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 5-5]			
[Hepatodiaphragmatic Nodule TGLS = 4,5-4+5]			
* Lung		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601198

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-12]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Atrophy	Moderate
* Preputial Gland		Adenoma	
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601199

ORGAN AND ACCOUNTABLE SITE STATUS

Note: heterotopic parathyroid noted			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-12]			
* Preputial Gl			
Note: only 1 preputial on slide			
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601200

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Marked
* Skin	Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601201

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 2-13]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes	Artery	Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
[Hypertrophy TGLS = 3-4,5]			
* Lung		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601202

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Urinary Bladder	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* 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	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

Blood Vessel		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Mild
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
		Mineralization	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Moderate
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601203

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Epididymis	* Esophagus
* 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
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Seminal Vesicle

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung		Mineralization	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601204

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gl			
Note: only 1 preputial on slide			
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Brain	* Epididymis
* Esophagus	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 5-7]			
* Bone		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2-4,5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-12]			
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601205

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-5]			
[Vacuolization Cytoplasmic TGLS = 3-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas		Inflammation	Minimal
* Parathyroid Gland		Adenoma	
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601206

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hemorrhage	Mild
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 2-4]			
* Nose		Foreign Body	
		Inflammation	Minimal
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601207

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Preputial Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-11]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 8-4,5]			
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Alveolar/Bronchiolar Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601208

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolar Epith	Hyperplasia	Marked
		Inflammation	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 7-13]			
[Hyperplasia TGLS = 6-13]			
Mesentery	Fat	Inflammation	Mild
		Mesothelioma Malignant	
[Inflammation TGLS = 5-12]			
[Mesothelioma Malignant TGLS = 5-12]			
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Moderate
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
* Kidney	Renal Tubule	Hyperplasia	Oncocytic, Mild
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 6-5]			
* Lung		Hemorrhage	Moderate
	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601209

ORGAN AND ACCOUNTABLE SITE STATUS

		Thrombosis	Moderate
[Hemorrhage TGLS = 8-2,3]			
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-7]			
* Pituitary Gland		Cyst	Marked
	Pars Distalis	Hyperplasia	Marked
	Pars Intermed	Hyperplasia	Marked
* Prostate		Inflammation	Mild
* Skin	Dermis	Fibrosis	Marked
	Subcut Tiss	Melanoma Malignant	
[Fibrosis TGLS = 1-12]			
[Melanoma Malignant TGLS = 2-13]			
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Depletion Cellular	Mild
		Hematopoietic Cell Proliferation	Minimal
[Atrophy TGLS = 5-1]			
[Depletion Cellular TGLS = 5-1]			
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 4-12]			
* Lung		Pigmentation	Minimal
* Nose		Foreign Body	
		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601210

ORGAN AND ACCOUNTABLE SITE STATUS

	Red Pulp	Depletion Cellular	Mild
		Pigmentation	Minimal
[Depletion Cellular TGLS = 2-1]			
* Stomach, Forestomach		Edema	Mild
		Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-13]			
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601211

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hypertrophy TGLS = 5-4,5]			
[Mixed Cell Focus TGLS = 6-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-12]			
* Parathyroid Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601212

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Note: Appears to be very early MCL with marked congestion, lymphoid depletion, and histiocytic (reticulum cell) hyperplasia.			
[Leukemia Mononuclear TGLS = 3-13]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Marked
[Degeneration TGLS = 6-7]			
* Adrenal Medulla		Hyperplasia	Mild
		Thrombosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Infarct	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 4-4,5]			
* Lung		Inflammation	Mild
Note: Fungal elements noted in inflammatory focus.			
* Lymph Node, Mesenteric		Atrophy	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Nose		Inflammation	Mild
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-7]			
* Preputial Gland		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601213

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-12]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Liver Centrilobular Necrosis;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-6]			
* Nose		Foreign Body	
		Inflammation	Marked
Note: missing incisor with osteomyelitis			
* Preputial Gland		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Nose Foreign Body

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601214

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 7-7]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 8-1]			
* Liver		Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601215

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-12]			
* Lymph Node, Mandibular		Ectasia	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
	Pars Nervosa	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-13]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thyroid Gland	Follicle	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Centrilobular	Degeneration	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 6-4]			
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lung		Inflammation	Minimal
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601216

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL-9, unspecified lymph node was axillary			
[Leukemia Mononuclear TGLS = 8-12]			
[Leukemia Mononuclear TGLS = 7-13]			
[Leukemia Mononuclear TGLS = 9-14]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Pancreas		Atrophy	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Stomach, Glandular		Inflammation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Mild
* Liver	Centrilobular	Hypertrophy	Mild
* Lung		Inflammation	Minimal
* Spleen		Congestion	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone			
Note: Some erosion and infection of maxilla present with resulting nasal cavity suppuration (due to lost tooth).			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 5-1,12]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Necrosis	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 3-6]			
* Nose	Respirat Epith	Inflammation	Marked
* Pancreas	Artery	Hypertrophy	Marked
[Hypertrophy TGLS = 9-12]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 2-13]			
* Prostate		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601218

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Inflammation	Marked
[Inflammation TGLS = 1-14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 7-12]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 4-10]			
* Thymus		Atrophy	Marked
Tooth		Inflammation	Marked
Note: Tooth missing, with resulting abscessation of maxilla, skin of face, and nasal cavity.			

PRIMARY CAUSE OF DEATH	- Tooth Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Nose Respirat Epith Inflammation;Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* 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	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
[Degeneration TGLS = 1-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601219

ORGAN AND ACCOUNTABLE SITE STATUS

		Mineralization	Minimal
* Pancreas		Atrophy	Mild
	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Glandular		Mineralization	Mild
		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Epididymis		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-5]			
[Mixed Cell Focus TGLS = 3-5]			
[Vacuolization Cytoplasmic TGLS = 3-4,5]			
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601220

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Cyst	Minimal
	Pars Intermed	Hyperplasia	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Hyperplasia	Minimal
		Inflammation	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-12]			
* Spleen	Red Pulp	Depletion Cellular	Mild
[Depletion Cellular TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Mild
* Liver	Centrilobular	Hypertrophy	Mild
* Lung		Inflammation	Minimal
* Spleen		Congestion	Mild
	Capsule	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 421
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
* Lung		Cyst	Squamous, Mild
		Inflammation	Moderate
Note: Disseminated pyogranulomatous bronchopneumonia, apparently due to inhalation of bedding material.			
[Cyst TGLS = 3-12]			
* Nose		Foreign Body	
	Respirat Epith	Inflammation	Moderate
* Pancreas		Atrophy	Minimal
	Artery	Inflammation	Mild
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 421
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601222

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Erosion	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* 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
* Pituitary Gland	* Salivary Glands	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Mild
* Heart		Cardiomyopathy	Moderate
		Mineralization	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 4-4,5]			
* Lung		Mineralization	Mild
* Pancreas	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Seminal Vesicle		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601223

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 3-12]			
* Spleen		Congestion	Minimal
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Note: focal, minimal hyperplasia of trabecular stroma			
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Marked
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Nose		Inflammation	Minimal
* Spleen		Congestion	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 484
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Epididymis	* Esophagus	Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	Peripheral Nerve	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fracture	
Note: Slide 13 depicts distal foot (metatarsus) with one metatarsal apparently healing from chronic fracture. Fracture of tibia/fibula, seen grossly, is not depicted			
[Fracture TGLS = 3-13]			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Thrombosis	Minimal
* Lung		Inflammation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Pituitary Gland		Cyst	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 484
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601225

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Bone Fracture	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney		Cyst	Mild
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
* Lung		Pigmentation	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Depletion Cellular	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601226

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Minimal
Note: fat infiltration in atrophied red pulp			
[Depletion Cellular TGLS = 2-1]			
* Stomach, Forestomach		Edema	Mild
		Hyperplasia	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
	Medulla	Mineralization	Mild
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
* Mammary Gland		Fibroadenoma	
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
[Congestion TGLS = 3-1]			
* Stomach, Glandular		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601227

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Ulcer	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Marked
* Adrenal Medulla		Hyperplasia	Moderate
Blood Vessel		Mineralization	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney		Cyst	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 5-4,5]			
* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Adenoma	
		Hyperplasia	Marked
[Adenoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601229

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 6-11]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* 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
* Prostate	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel	Aorta	Aneurysm	Moderate
		Mineralization	Marked
[Aneurysm TGLS = 4-7]			
[Mineralization TGLS = 4-7]			
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Moderate
		Mineralization	Minimal
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Hemorrhage	Minimal
		Mineralization	Moderate
* Pancreas		Atrophy	Minimal
	Artery	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601230

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Seminal Vesicle		Mineralization	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Moderate
* Stomach, Forestomach		Mineralization	Mild
* Stomach, Glandular		Mineralization	Marked
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Seminal Vesicle	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Thyroid Gland			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain		Oligodendroglioma Malignant	
* Heart		Cardiomyopathy	Moderate
		Mineralization	Mild
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Moderate
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
* Lung		Mineralization	Mild
Mesentery	Artery	Mineralization	Moderate
* Pituitary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601231

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach		Mineralization	Mild
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Brain Oligodendroglioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* 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	* Prostate	* Seminal Vesicle
* Stomach, Glandular	* Urinary Bladder		

MISSING

* Esophagus	* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
* Nose		Foreign Body	
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601232

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 4-4,5]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Atrophy	Minimal
	Artery	Inflammation	Mild
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Prostate		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601233

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601234

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
* Nose	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Necrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Hemorrhage	Moderate
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Mammary Gland		Hyperplasia	Moderate
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601234

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-7]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Marked
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 3-4,5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601235

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-7]			
* Preputial Gland		Carcinoma	
		Inflammation	Minimal
[Carcinoma TGLS = 1-11]			
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 61
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Hydronephrosis	Marked
		Inflammation	Marked
		Mineralization	Diffuse, Minimal
		Nephropathy	Mild
[Hydronephrosis TGLS = 3-1]			
[Inflammation TGLS = 2-12]			
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
* Preputial Gland		Atrophy	Moderate
* Prostate		Inflammation	Marked
* Seminal Vesicle		Inflammation	Marked
* Spleen	Lymph Follic	Atrophy	Mild
		Congestion	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Urin Bladder			

Note: Marked dilatation, possible urinary obstruction in urethra, or due to prostatitis.
Note: tgl 1-12 = marked dilatation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 61
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601236

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Kidney Hydronephrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
Mesentery		Fibrosarcoma	Metastatic (Skin)
	Fat	Necrosis	Moderate
[Fibrosarcoma TGLS = 3-13]			
[Necrosis TGLS = 3-13]			
* Pancreas		Fibrosarcoma	Metastatic (Skin)
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-12]			
* Spleen	Lymph Follic	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601237

ORGAN AND ACCOUNTABLE SITE STATUS

		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Hyperplasia	Mild
[Hyperplasia TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601238

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Moderate
		Hematopoietic Cell Proliferation	Mild
[Congestion TGLS = 1-1]			
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Marked
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 3-5]			
[Vacuolization Cytoplasmic TGLS = 3-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601239

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Note: insignificant deformity of shape noted (TGL2)			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-5]			
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Vacuolization Cytoplasmic TGLS = 3-4,5]			
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Prostate		Inflammation	Mild
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601240

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Bone		Osteomalacia	Minimal
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Cyst	Minimal
	Renal Tubule	Hyperplasia	Oncocytic, Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Marked
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601241

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 4-12]			
* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Thrombosis	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Inflammation	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Moderate
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12]			
* Spleen		Congestion	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601242

ORGAN AND ACCOUNTABLE SITE STATUS

		Ulcer	Marked
[Ulcer TGLS = 5-13]			
* Stomach, Glandular		Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Nose		Foreign Body	
		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601243

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Esophagus	* 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	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Angiectasis	Mild
		Hyperplasia	Mild
Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Minimal
		Osteomalacia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mineralization	Marked
Eye	Retina	Degeneration	Mild
		Inflammation	Moderate
		Mineralization	Moderate
[Inflammation TGLS = 1-12]			
[Mineralization TGLS = 1-12]			
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Cyst	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Mineralization	Diffuse, Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601244

ORGAN AND ACCOUNTABLE SITE STATUS

	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Moderate
		Mineralization	Mild
[Inflammation TGLS = 6-2,3]			
* Nose		Foreign Body	
		Inflammation	Mild
* Pancreas		Atrophy	Mild
		Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Prostate		Inflammation	Minimal
* Seminal Vesicle		Mineralization	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Inflammation	Minimal
* Stomach, Glandular		Mineralization	Marked
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 3-10]			
[Hyperplasia TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 466
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Urinary Bladder			

OBSERVATIONS

* Brain		Meningioma Malignant	
Note: Morphology compatible with "malignant reticulosis."			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Mild
* Nose	Respirat Epith	Inflammation	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 466
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601245

ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea	Inflammation	Mild

PRIMARY CAUSE OF DEATH - Brain Meningioma Malignant

Animal Note: Acute inflammation in nose, trachea and lungs interpreted to be due to inhalatio n of dust/debris following depression due to brain reticulosis.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
* Nose		Foreign Body	
		Inflammation	Mild
* Pancreas		Atrophy	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601248

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 2-4]			
[Clear Cell Focus TGLS = 2-5]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Hyperplasia	Marked
* Parathyroid Gland		Hyperplasia	Focal, Marked
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601249

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Lung		Inflammation	Mild
* Spleen		Congestion	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
	Artery	Inflammation	Minimal
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
	Medulla	Mineralization	Moderate
		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
[Eosinophilic Focus TGLS = 6-4,5]			
[Hepatocellular Adenoma TGLS = 5-12]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Minimal
* Skin		Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601251

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-13]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Congestion TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Cecum	* Mammary Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Moderate
		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Marked
[Hepatocellular Carcinoma TGLS = 3-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas	Artery	Inflammation	Minimal
* Preputial Gland		Carcinoma	
		Inflammation	Minimal
[Carcinoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601253

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Moderate
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 5-4,5]			
[Eosinophilic Focus TGLS = 5-4,5]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601254

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-12]			
* Spleen		Congestion	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Capsule	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
	Transit Epithe	Papilloma	
[Papilloma TGLS = 6-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601255

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Moderate
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
[Mixed Cell Focus TGLS = 4-4,5]			
* Lung		Inflammation	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601256

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
[Congestion TGLS = 3-1]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-12]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Moderate
	Transit Epithe	Papilloma	
		Pigmentation	Minimal
[Nephropathy TGLS = 6-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-5]			
[Hypertrophy TGLS = 4-4,5]			
* Lung		Inflammation	Mild
* Lymph Node, Mandibular		Ectasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601257

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 3-10]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hemorrhage	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-5]			
[Mixed Cell Focus TGLS = 2,3-4,5]			
* Lung		Inflammation	Minimal
* Pancreas	Artery	Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601258

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Mild
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 3-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601259

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Inflammation	Mild
* Kidney		Cyst	Mild
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
* Lung		Pigmentation	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601260

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Marked
[Mineralization TGLS = 2-7]			
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
		Mineralization	Minimal
* Intestine Large, Cecum		Inflammation	Moderate
		Mineralization	Marked
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Mineralization	Diffuse, Mild
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
Note: Peribiliary fibrosis is particularly prominant.			
[Degeneration TGLS = 3-4,5]			
* Lung		Inflammation	Minimal
		Mineralization	Mild
Mesentery	Artery	Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601261

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 4-7]			
* Preputial Gland		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Marked
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: only 1 testis on slide			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Granuloma Sperm	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Stomach, Forestomach		Edema	Marked
		Hyperplasia	Moderate
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601262

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 2-4]			
* Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Mild
* Liver	Centrilobular	Hypertrophy	Mild
* Pancreas		Atrophy	Minimal
* Spleen		Congestion	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
	Medulla	Mineralization	Mild
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-5]			
[Vacuolization Cytoplasmic TGLS = 2-4,5]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Preputial Gland		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601264

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
	Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Inflammation	Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
[Adenoma TGLS = 3-12]			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Hypertrophy TGLS = 2-12]			
* Pancreas	Artery	Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601265

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Pancreas Artery Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
[Mixed Cell Focus TGLS = 4-4,5]			
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601266

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Cyst	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Centrilobular	Degeneration	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Carcinoma	Metastatic (Preputial Gland)
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-13]			
* Parathyroid Gland		Inflammation	Minimal
[Inflammation TGLS = 5-7]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
* Prostate		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601267

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 6-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
[Necrosis TGLS = 5-5]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-6]			
Oral Mucosa		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Mild
* Prostate		Inflammation	Minimal
* Spleen		Accessory Spleen	
		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601268

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
[Accessory Spleen TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	Multiple
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 353
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Nose		Inflammation	Mild
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601270

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
[Hemorrhage TGLS = 5-6]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Minimal
* Prostate		Inflammation	Mild
Spinal Cord		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 641
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601270

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 2-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 550
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
Note: significant autolysis present			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
* Mammary Gland		Cyst	Mild
* Nose	Nasolacrim Dct	Inflammation	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach		Hyperplasia	Marked
		Inflammation	Marked
		Ulcer	Moderate
[Ulcer TGLS = 3-11]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 550
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601272

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601273

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 2-4,5]			
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-7]			
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 1-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary	Granulosa Cell	Hyperplasia	Moderate
* Pancreas		Atrophy	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland		Cyst	Minimal
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Thymus		Atrophy	Marked
* Thyroid Gland		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601275

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 702
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Moderate
		Necrosis	Minimal
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Clitoral Gland Carcinoma

Animal Note: Animal had marked neutrophilia, and may have been septicemic due to clitoral tum or.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Mild
		Inflammation	Minimal
[Basophilic Focus TGLS = 2-4,5]			
[Fatty Change TGLS = 2-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* 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	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
[Pigmentation TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4,5]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601278

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Minimal
	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]		
* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Minimal
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Basophilic Focus TGLS = 4-4]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11,12]			
* Spleen	Capsule	Fibrosis	Minimal
		Pigmentation	Minimal
[Fibrosis TGLS = 3-12]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Inflammation	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2,3-6,12]			
* Pancreas		Atrophy	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601280

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Clitoral Gland Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-4]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 2-10]			
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Hemangiosarcoma TGLS = 3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601281

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Trachea			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4,5]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
		Thrombosis	Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-13]			
[Leukemia Mononuclear TGLS = 4-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Leukemia Mononuclear	
* Pituitary Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 713
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601282

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 10-7]			
* Spleen		Infarct	Mild
		Leukemia Mononuclear	
[Infarct TGLS = 3-12]			
[Leukemia Mononuclear TGLS = 2-12]			
* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Moderate
* Stomach, Glandular		Ulcer	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Inflammation	Mild
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Adenoma	
		Inflammation	Moderate
[Adenoma TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
[Pigmentation TGLS = 4-1]			
* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Cyst	Mild
* Pancreas		Atrophy	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601283

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 3-1]			
[Leukemia Mononuclear TGLS = 3-1]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Nose	* 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
* Clitoral Gland	Inflammation	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Minimal
* Lung	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4,5]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2,11]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601287

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* 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	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Liver		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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	

OBSERVATIONS			
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver		Basophilic Focus	
* Lung		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Inflammation	Minimal
		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601289

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-1]		
* Stomach, Forestomach	Ulcer	Mild
[Ulcer TGLS = 4-11]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Moderate
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hepatocellular Carcinoma TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 3-4,5,12]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-11]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601290

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Glandular		Ulcer	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Mineralization	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thymus		Atrophy	Marked
* Uterus	Cervix	Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601291

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 3-11]

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteopetrosis	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Basophilic Focus TGLS = 4-4]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1,2,3-14,12,13]			
* Pituitary Gland		Cyst	Moderate
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601292

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Inflammation	Minimal
[Angiectasis TGLS = 2-5]			
[Basophilic Focus TGLS = 1-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 662
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
Oral Mucosa	Gingival	Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13,12]			
* Nose		Foreign Body	
		Inflammation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 3-10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Necrosis	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 5-13]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601296

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Polyp Stromal TGLS = 3-11]	Polyp Stromal
PRIMARY CAUSE OF DEATH	- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 5-10]			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Urinary Bladder		Inflammation	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601298

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
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Small, Ileum	* Parathyroid Gland

OBSERVATIONS

* Adren Medulla
  Note: only 1 adrenal on slide

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Clitoral Gland	Inflammation	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Inflammation	Minimal
* Lung	Inflammation	Minimal
* Pancreas	Atrophy	Minimal
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 1-4,5]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	Subcut Tiss	Leukemia Mononuclear	
	Subcut Tiss	Necrosis	Moderate
		Ulcer	Moderate
[Leukemia Mononuclear TGLS = 5-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601300

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 5-11]		
[Ulcer TGLS = 5-11]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Leukemia Mononuclear	
	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 2-1]		
* Stomach, Glandular	Leukemia Mononuclear	
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 666
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Note: Fatty change in hyperplastic focus			
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 2-4,5]			
* Lung		Pigmentation	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Mild
		Necrosis	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 666
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601301

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
		Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4,5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pigmentation	Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2]			
[Leukemia Mononuclear TGLS = 5-12]			
[Leukemia Mononuclear TGLS = 4-11]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-13]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
* Mammary Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601302

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 9-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
* Thymus		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601303

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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
* Lung		Pigmentation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601303

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* 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
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Marked
[Cyst TGLS = 4-10]			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Leukemia Mononuclear	
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601304

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Minimal
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Minimal
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4,5]			
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
[Leukemia Mononuclear TGLS = 12-13]			
[Leukemia Mononuclear TGLS = 11-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4]			
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 665
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601305

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Marked
[Fibroadenoma TGLS = 2-13]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[Leukemia Mononuclear TGLS = 7-11]			
[Necrosis TGLS = 7-11]			
* Ovary		Cyst	Minimal
		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 3-11]			
* Stomach, Forestomach		Ulcer	Marked
* Thymus		Leukemia Mononuclear	
Vagina		Inflammation	Suppurative, Marked
[Inflammation TGLS = 6-11]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteopetrosis	Mild
* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
Eye		Cataract	Mild
	Retina	Degeneration	Mild
[Cataract TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 4-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601306

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 3-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 1-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Skin	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Esophagus		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Pelvis	Calculus Micro Observation Only	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Leukemia Mononuclear	
		Thrombosis	Mild
		Vacuolization Cytoplasmic	Minimal
[Inflammation TGLS = 3-5]			
* Lung		Inflammation	Marked
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Nose		Inflammation	Mild
* Parathyroid Gland		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 617
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601308

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-11]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Leukemia Mononuclear	
	Pigmentation	Minimal
* Stomach, Forestomach	Erosion	Minimal
* Stomach, Glandular	Erosion	Minimal
* Thymus	Atrophy	Marked
* Thyroid Gland	Leukemia Mononuclear	
* Trachea	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Salivary Glands Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Lung Inflammation;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart	Atrium	Thrombosis	Moderate
* Kidney		Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Minimal
* Stomach, Forestomach		Ulcer	Minimal
* Thymus		Atrophy	Marked
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-10]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601310

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
* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 649
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Marked
[Cyst TGLS = 2-10]			
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 649
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601311

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Leukemia Mononuclear
* Uterus	Polyp Stromal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-4,5...5-5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Brain		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Infarct	Mild
		Inflammation	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 1,2-5,4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Nose		Foreign Body	
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Bone	Mandible	Carcinosarcoma	Metastatic (Zymbal'S Gland)
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
Eye		Cataract	Moderate
	Cornea	Inflammation	Marked
[Inflammation TGLS = 2-11]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Carcinosarcoma	Metastatic (Zymbal'S Gland)
		Pigmentation	Minimal
[Carcinosarcoma TGLS = 3-2,3]			
* Mammary Gland		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal
Zymbal's Gland		Carcinosarcoma	
[Carcinosarcoma TGLS = 1-12,13]			

PRIMARY CAUSE OF DEATH - Zymbal's Gland Carcinosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9601315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Thymus	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Fibrous Histiocytoma	Metastatic (Tissue Nos)
* Liver		Basophilic Focus	
		Fibrous Histiocytoma	Metastatic (Tissue Nos)
* Lung		Pigmentation	Minimal
Lymph Node	Lumbar	Fibrous Histiocytoma	Metastatic (Tissue Nos)
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland		Cyst	Minimal
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Minimal
Tissue NOS		Fibrous Histiocytoma	

PRIMARY CAUSE OF DEATH - Tissue NOS Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Blood Vessel		Inflammation	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Basophilic Focus TGLS = 3,4-12]			
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Mild
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601316

ORGAN AND ACCOUNTABLE SITE STATUS

	Artery	Inflammation	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Nose	* Ovary
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Kidney	Medulla	Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Minimal
* Trachea		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gl			
Note: only 1 clitoral on slide			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Adenoma	
		Cyst	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-12,13,14]			
* Nose		Foreign Body	
		Inflammation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 4-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601318

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601319

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* 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	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601321

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Angiectasis TGLS = 1-4]			
[Basophilic Focus TGLS = 1-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601321

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Clitoral Gland	Inflammation	Minimal
* Heart	Cardiomyopathy	Minimal
* Intestine Large, Rectum	Parasite Metazoan	
* Kidney	Accumulation, Hyaline Droplet	Minimal
	Nephropathy	Minimal
* Lung	Inflammation	Minimal
* Stomach, Glandular	Erosion	Minimal
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* 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	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Intestine Small, Jejunum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 2-4]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 1-4,5]			
* Lung		Pigmentation	Minimal
* Nose		Foreign Body	
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
[Basophilic Focus TGLS = 1-4,5]			
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland	Duct	Cyst	Marked
		Inflammation	Marked
[Cyst TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung		Pigmentation	Minimal
* Mammary Gland		Adenoma	Multiple
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601326

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 689
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
Note: only 1 clitoral on slide; section of hyperplastic mammary gland trimmed in lieu of opposite clitoral			
[Adenoma TGLS = 5-10]			
* Kidney		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Ovary		Luteoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
		Pigmentation	Moderate
[Pigmentation TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4,5]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland		Degeneration	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601328

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601329

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
* 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

* Ovary	Cyst	Minimal
[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Mild
[Hyperplasia TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601330

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Necrosis	Minimal
[Necrosis TGLS = 3-5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 575
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601331

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601332

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 2-10]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
* Clitoral Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1,2-10,12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 3-11]			
[Hypertrophy TGLS = 4-11]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601333

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601334

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
* Lung		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601335

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11,12,13]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
	Artery	Inflammation	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-12]			
[Mixed Cell Focus TGLS = 3-12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Cyst	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601338

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Angiectasis TGLS = 3-11]			
[Basophilic Focus TGLS = 3-11]			
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Mixed Cell Focus TGLS = 3-11]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601339

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Minimal
	Red Pulp	Depletion Cellular	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Depletion Cellular TGLS = 2-1]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Mild
		Polyp Stromal	
[Hyperplasia TGLS = 6-10]			
[Polyp Stromal TGLS = 5-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601340

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Angiectasis TGLS = 3-11]			
[Basophilic Focus TGLS = 3-11]			
[Eosinophilic Focus TGLS = 3-11]			
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601340

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-13]			
[Eosinophilic Focus TGLS = 4-13]			
[Hepatodiaphragmatic Nodule TGLS = 5-4]			
[Mixed Cell Focus TGLS = 4-13]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-12,11]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601341

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Minimal
		Inflammation	Minimal
[Cyst TGLS = 1-10]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601342

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Marked
[Cyst TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-12]			
[Hepatodiaphragmatic Nodule TGLS = 6-4]			
[Mixed Cell Focus TGLS = 5-12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Inflammation	Moderate
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601343

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body	
		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Heart	Artery	Inflammation	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11,12]			
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601345

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Polyp Stromal
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-4,5]			
[Mixed Cell Focus TGLS = 2-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-11]			
[Mixed Cell Focus TGLS = 2-11]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601347

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Carcinoma	
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Carcinoma TGLS = 3-11]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 2-4,5]			
[Eosinophilic Focus TGLS = 2-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 1-7]			
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601348

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Oncocytic, Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-4,5]			
[Mixed Cell Focus TGLS = 2-4,5]			
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
[Hemangiosarcoma TGLS = 3-1]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601349

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Clitoral Gland	* Intestine Large, Cecum	* Intestine Small, Ileum	* Lymph Node, Mesenteric
* Thymus	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
		Thrombosis	Minimal
[Necrosis TGLS = 2-4,5]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Pigmentation	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
* Mammary Gland		Cyst	Marked
[Cyst TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601350

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
[Basophilic Focus TGLS = 3-12]			
[Eosinophilic Focus TGLS = 3-12]			
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Mixed Cell Focus TGLS = 3-12]			
* Lung	Alveolar Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601351

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
* Lung		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601352

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-4,5]			
[Mixed Cell Focus TGLS = 2,3-4+4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601353

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Thymus	Atrophy	Moderate
* Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 1-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-11]			
[Eosinophilic Focus TGLS = 3-11]			
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601354

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* 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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteopetrosis	Marked
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 1-1]			
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601356

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Inflammation	Minimal
* Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 2-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Angiectasis	Moderate
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 3,4-5+13]			
[Basophilic Focus TGLS = 2,4-12,13]			
[Mixed Cell Focus TGLS = 2,4-12,13]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601357

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 5-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 6-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601358

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
[Ectasia TGLS = 4-13]			
[Hyperplasia TGLS = 4-13]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-12,11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601360

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 513
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Salivary Glands		Atrophy	Minimal
		Fibrosis	Mild
* Skin	Hair Follicle	Atrophy	Mild
[Atrophy TGLS = 1-11]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 513
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601361

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 647
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
[Eosinophilic Focus TGLS = 2-12]			
[Inflammation TGLS = 3-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 647
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601362

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601363

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Mild
[Cataract TGLS = 1-11]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Oncocytic, Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2,5-10]			
* Pancreas		Hypertrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601364

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Mild
	Lens	Mineralization	Mild
[Cataract TGLS = 1-11]			
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Angiectasis TGLS = 2-5]			
* Lung		Pigmentation	Minimal
* Nose		Inflammation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601365

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2-11]			
[Mixed Cell Focus TGLS = 2-11]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601366

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus			
Note: stromal hyperplasia noted			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Brain		Hemorrhage	Mild
[Hemorrhage TGLS = 5-6]			
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Moderate
		Pigmentation	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Inflammation	Minimal
[Basophilic Focus TGLS = 2-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601367

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Erosion	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601368

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 6-14]			
[Hepatocellular Adenoma TGLS = 5-13]			
[Hepatodiaphragmatic Nodule TGLS = 7-15]			
[Mixed Cell Focus TGLS = 8-16]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Cyst	Marked
		Fibroadenoma	
		Hyperplasia	Mild
[Cyst TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601368

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Minimal
		Polyp Stromal	
[Polyp Stromal TGLS = 4-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
* Clitoral Gland	Duct	Cyst	Minimal
[Cyst TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
[Basophilic Focus TGLS = 3-4,5]			
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung		Pigmentation	Minimal
* Ovary	Granulosa Cell	Hyperplasia	Moderate
Oviduct		Inflammation	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601369

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
		Inflammation	Minimal
[Carcinoma TGLS = 1-11]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Degeneration	Marked
		Inflammation	Moderate
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-4,5]			
[Degeneration TGLS = 4,5-4,5]			
[Mixed Cell Focus TGLS = 5-5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Stomach, Glandular		Ulcer	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601370

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Centrilobular Degeneration
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-12]			
[Eosinophilic Focus TGLS = 3-12]			
[Mixed Cell Focus TGLS = 3-12]			
* Lung		Pigmentation	Minimal
* Ovary		Granulosa-Theca Tumor Benign	
[Granulosa-Theca Tumor Benign TGLS = 2-10]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601371

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Angiectasis	Marked
[Angiectasis TGLS = 4-7]		
* Spleen	Congestion	Mild
	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Minimal
* Thymus	Atrophy	Moderate
* Thyroid Gl		
Note: only 1 thryoid lobe on slide		
* Uterus	Polyp Stromal	
	Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-11]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary	Interstit Cell	Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Moderate
		Inflammation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 469 PPM	**DISP:** Natural Death	**HISTO:** 9601372

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Inflammation	Mild
[Basophilic Focus TGLS = 3-4,5]			
* Lung		Pigmentation	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
[Adenoma TGLS = 2-7]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601373

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Thymus	Atrophy	Moderate
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-12]			
[Mixed Cell Focus TGLS = 2-12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601374

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-13]			
[Eosinophilic Focus TGLS = 4-13]			
[Mixed Cell Focus TGLS = 4-13]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,2-11,12]			
* Pituitary Gland		Angiectasis	Mild
		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601375

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland		Angiectasis	Mild
		Cyst	Mild
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 1-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 469 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601376

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
Eye		Cataract	Mild
	Retina	Degeneration	Mild
	Lens	Mineralization	Minimal
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 3-4]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601377

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Pelvis	Inflammation	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601378

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus		Hemorrhage	Marked
[Hemorrhage TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-12]			
[Eosinophilic Focus TGLS = 4,5-12,13]			
[Mixed Cell Focus TGLS = 4-12]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601379

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 3-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* 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	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 1-11]			
[Eosinophilic Focus TGLS = 1-11]			
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 469 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601380

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-11]			
[Mixed Cell Focus TGLS = 2-11]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601381

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain		Hemorrhage	Mild
		Thrombosis	Minimal
Eye	Retina	Degeneration	Moderate
		Degeneration	Marked
[Degeneration TGLS = 1-11]			
Harderian Gland		Squamous Cell Carcinoma	Metastatic (Nose)
[Squamous Cell Carcinoma TGLS = 2-11]			
* Kidney	Medulla	Mineralization	Minimal
		Pigmentation	Minimal
* Lung		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Nose)
* Lymph Node, Mandibular		Ectasia	Moderate
		Hyperplasia	Plasma Cell, Marked
		Inflammation	Minimal
[Ectasia TGLS = 4-6]			
[Hyperplasia TGLS = 4-6]			
* Mammary Gland		Hyperplasia	Moderate
* Nose	Nasolacrim Dct	Squamous Cell Carcinoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Squamous Cell Carcinoma	Metastatic (Nose)
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601382

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Nose Nasolacrim Dct Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Brain Thrombosis;Harderian Gland Squamous Cell Carcinoma Nose

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone Marrow		Atrophy	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Mild
[Hepatocellular Adenoma TGLS = 3-11]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pancreas		Pigmentation	Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601383

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
[Cyst TGLS = 2-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Inflammation	Moderate
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-13]			
[Inflammation TGLS = 5-13]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3-11,12]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601384

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus		Hemorrhage	Marked
		Polyp Stromal	
[Hemorrhage TGLS = 4-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601385

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
* 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
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Minimal
	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601385

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601386

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Minimal
[Carcinoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-7]			
* Bone Marrow		Atrophy	Minimal
* Clitoral Gland	Duct	Cyst	Marked
		Hyperplasia	Mild
[Cyst TGLS = 4-10]			
[Hyperplasia TGLS = 4-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 3-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601387

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
* Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 2-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601388

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Mild
		Infarct	Minimal
	Pelvis	Inflammation	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
Tooth		Inflammation	Moderate
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
		Inflammation	Mild
	Lens	Mineralization	Moderate
[Cataract TGLS = 2-11]			
[Inflammation TGLS = 2-11]			
[Mineralization TGLS = 1-11]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Basophilic Focus TGLS = 3-5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Nose		Inflammation	Mild
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601389

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Minimal
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601390

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Moderate
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 655
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Inflammation	Mild
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-15]			
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-16]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 655
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601391

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Oral Mucosa Pharyngeal Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Stomach, Glandular		Erosion	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Minimal
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-12]			
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601393

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Clitoral Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Lymph Node, Mesenteric	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Carcinoma	
* Kidney		Carcinoma	Metastatic (Islets, Pancreatic)
		Hydronephrosis	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Carcinoma TGLS = 3-1]			
* Liver		Angiectasis	Minimal
		Carcinoma	Metastatic (Islets, Pancreatic)
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Lung		Carcinoma	Metastatic (Islets, Pancreatic)
		Pigmentation	Minimal
Lymph Node	Mediastinal	Carcinoma	Metastatic (Islets, Pancreatic)
Mesentery		Carcinoma	Metastatic (Islets, Pancreatic)
* Ovary			
Note: only one ovary present for exam			
Oviduct		Carcinoma	Metastatic (Islets, Pancreatic)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601394

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 2-10]			
* Pancreas		Carcinoma	Metastatic (Islets, Pancreatic)
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Carcinoma

Animal Note: many tissues missing due to cannibalism

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601395

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Angiectasis TGLS = 4-12]			
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
[Mixed Cell Focus TGLS = 3,4-11,12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601396

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601397

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Cyst	Moderate
Note: Cyst seen grossly is lymphangioma at micro; "hemangioma" used, since "lymphangioma" is not in lexicon.			
[Cyst TGLS = 2-11]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Hepatocellular Adenoma TGLS = 3-4]			
* Lung		Pigmentation	Minimal
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 4-4]			
* Mammary Gland		Fibroadenoma	
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601398

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9301399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 7-10]			
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cholangiofibrosis	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal

Note: Bile duct fibrosis reserved, as in this case, for "cholangiofibrosis." Lesion is focal proliferative biliary epith with marked fibrotic response.
[Eosinophilic Focus TGLS = 3,6-13,12]
[Hepatocellular Adenoma TGLS = 3,5-13,12]
[Mixed Cell Focus TGLS = 4-4]

* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9301399

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11,12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Basophilic Focus TGLS = 5-14]			
[Eosinophilic Focus TGLS = 5-14]			
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-11]			
[Hyperplasia TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601401

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gl			
Note: only 1 clitoral on slide; tgl-6, "enlarged clit gld at trim" was hyperplastic (inguinal area) mammary gland.			
* Kidney	Bilateral, Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 3-4,5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Pigmentation	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 4-11]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
[Hyperplasia TGLS = 6-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601402

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Depletion Cellular	Moderate
		Pigmentation	Minimal
[Atrophy TGLS = 1-1]			
[Depletion Cellular TGLS = 1-1]			
* Stomach, Forestomach		Edema	Moderate
		Hyperplasia	Moderate
		Ulcer	Minimal
* Stomach, Glandular		Edema	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 1-11]			
[Eosinophilic Focus TGLS = 1-11]			
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601403

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-11]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601404

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Minimal
* Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 2-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
[Hepatocellular Adenoma TGLS = 4-11]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-13,11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601405

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Esophagus	* 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	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Marked
* Bone		Osteopetrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4,5]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,5-10+11]			
* Pancreas		Atrophy	Minimal
Note: hepatocyte metaplasia noted			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601406

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-4,5]			
[Eosinophilic Focus TGLS = 2-5]			
[Hepatodiaphragmatic Nodule TGLS = 3,4,5-5,4,12]			
[Mixed Cell Focus TGLS = 2-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601407

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Stomach, Forestomach	Inflammation	Minimal
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 1-7]			
* Bone Marrow		Atrophy	Minimal
* Heart		Inflammation	Minimal
* Kidney	Renal Tubule	Adenoma	Multiple
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
* Lung		Pigmentation	Minimal
* Pancreas			
Note: metaplastic hepatocyte change noted			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601408

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-5]			
[Mixed Cell Focus TGLS = 4-5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-11,12]			
* Ovary		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601410

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Minimal
[Adenoma TGLS = 5-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Uterus		Angiectasis	Minimal
[Angiectasis TGLS = 6-10]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Mild
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 5-11]			
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Hypertrophy TGLS = 6-12]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 3-10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 1-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601411

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 85
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain		Astrocytoma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 570
	DOSE: 938 PPM	**DISP:** Natural Death	**HISTO:** 9601413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* 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

* Bone Marrow		Hyperplasia	Marked
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Moderate
* Lung		Inflammation	Marked
		Pigmentation	Minimal
Note: Multifocal bacterial bronchopneumonia [Inflammation TGLS = 1-2,3]			
* Nose		Foreign Body	
	Respirat Epith	Inflammation	Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Lung Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Nose Respirat Epith Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 1-4,5]			
[Mixed Cell Focus TGLS = 1-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601414

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Inflammation	Mild
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-10]			
* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Depletion Cellular	Mild
		Pigmentation	Mild
[Depletion Cellular TGLS = 2-1]			
* Stomach, Forestomach		Foreign Body	
		Hyperplasia	Moderate
		Inflammation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601415

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Cervix	Inflammation	Minimal
[Inflammation TGLS = 3-11]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
[Mixed Cell Focus TGLS = 3-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Ovary		Granulosa Cell Tumor Malignant	
[Granulosa Cell Tumor Malignant TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601416

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Congestion	Mild
	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Rectum		Inflammation	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Hydronephrosis	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
[Hydronephrosis TGLS = 1-1]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Marked
* Bone		Osteopetrosis	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
Note: some EMH and chronic inflammation noted in peripelvic fat			
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 3-12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
Mesentery		Inflammation	Mild
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601419

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-11]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 3-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601420

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Cyst	Moderate
* Ovary		Cyst	Marked
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

Note: hyperplastic mesothelial cells noted along serosal surface

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601421

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 6-14]			
[Eosinophilic Focus TGLS = 3,6-12,14]			
[Mixed Cell Focus TGLS = 3,5,6-12,13,14]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601422

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Atrophy	Mild
* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Minimal
[Hyperplasia TGLS = 3-10]			
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601423

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-11,12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601424

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone		Osteopetrosis	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 3-12]			
[Eosinophilic Focus TGLS = 3-12]			
[Hepatodiaphragmatic Nodule TGLS = 2,4-4,13]			
* Lung	Alveolar Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601425

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus		Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601426

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601427

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 506
	DOSE: 938 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Minimal
* Brain		Oligodendroglioma Malignant	
[Oligodendroglioma Malignant TGLS = 1-6]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pituitary Gland		Cyst	Minimal
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Brain Oligodendroglioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Accumulation, Hyaline Droplet	Minimal
	Nephropathy	Minimal
	Pigmentation	Minimal
* Liver	Basophilic Focus	
	Eosinophilic Focus	
	Inflammation	Minimal
* Lung	Pigmentation	Minimal
* Mammary Gland	Fibroadenoma	
[Fibroadenoma TGLS = 1-11]		
* Ovary	Cyst	Marked
[Cyst TGLS = 2-10]		
* Pancreas	Atrophy	Mild
* Pituitary Gland	Cyst	Mild
* Spleen	Congestion	Mild
	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601430

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 4-4,12]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-12]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 5-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 938 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601430

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 550
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601431

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 2,3,4-12,11,4]			
* Lung		Pigmentation	Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Cyst	Mild
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin		Acanthosis	Mild
[Acanthosis TGLS = 5-14]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 550
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601431

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-13]		
* Thymus	Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Minimal
[Hyperplasia TGLS = 1-10]			
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Pigmentation	Minimal
[Hyperplasia TGLS = 3-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601432

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 689
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 3,4,5,6-13,4,5,13]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11,12]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 689
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601433

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601434

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 3-4]			
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601435

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Minimal
* Uterus		Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* 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	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone	Maxilla	Cyst	Moderate
		Osteopetrosis	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11,12]			
* Pancreas		Metaplasia	Hepatocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601436

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 6-14]			
[Mixed Cell Focus TGLS = 4,5-4+13,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11,12]			
* Ovary		Cyst	Mild
[Cyst TGLS = 3-10]			
* Pancreas		Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601437

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
[Basophilic Focus TGLS = 4-4,5]			
[Eosinophilic Focus TGLS = 4-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 5-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601438

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 647
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Astrocytoma Malignant	
* Kidney		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Clitoral Gland	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-4,5]			
[Mixed Cell Focus TGLS = 3-4,5]			
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 4-7]			
* Spleen		Hemangiosarcoma	
		Pigmentation	Minimal
[Hemangiosarcoma TGLS = 2-1]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Kidney)
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
		Pigmentation	Minimal
[Carcinoma TGLS = 4-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
* Lung		Carcinoma	Metastatic (Kidney)
[Carcinoma TGLS = 6-2,3]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Kidney)
[Carcinoma TGLS = 7-2]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Kidney)
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery		Carcinoma	Metastatic (Kidney)
* Ovary		Carcinoma	Metastatic (Kidney)
[Carcinoma TGLS = 3-10]			
* Spleen	Lymph Follic	Atrophy	Mild
		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 611
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601442

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Moderate
* Stomach, Forestomach	Ulcer	Minimal
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Kidney Renal Tubule Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Carcinoma Kidney

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
	Centrilobular	Necrosis	Moderate
[Eosinophilic Focus TGLS = 6-5]			
[Necrosis TGLS = 4-13]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601443

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Centrilobular Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601444

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Minimal
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-11]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen	Red Pulp	Depletion Cellular	Mild
[Depletion Cellular TGLS = 3-1]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Hyperplasia	Moderate
[Cyst TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hypertrophy TGLS = 3-4,5]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601446

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Mild
* Thymus	Atrophy	Moderate
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* 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	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601447

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-10]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Ileum		Inflammation	Mild
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601449

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 2,3-4+5+11]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601450

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Minimal
[Cyst TGLS = 1-10]			
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Bone		Osteoporosis	Marked
* Kidney		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Infarct	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Degeneration	Cystic, Minimal
		Necrosis	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach		Inflammation	Mild
		Ulcer	Mild
[Inflammation TGLS = 2-12]			
[Ulcer TGLS = 2-12]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 2-12]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601453

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Leiomyosarcoma TGLS = 1-11]	Cervix	Leiomyosarcoma
PRIMARY CAUSE OF DEATH	- Uterus Cervix Leiomyosarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-4,5,12]			
[Mixed Cell Focus TGLS = 2-11]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601454

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601455

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601456

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gl			
Note: only 1 clitoral on slide			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 1,2-11,4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601456

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-11]			
[Mixed Cell Focus TGLS = 1-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601457

ORGAN AND ACCOUNTABLE SITE STATUS

	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Clitoral Gland	* Esophagus
* 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, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hemorrhage	Moderate
[Degeneration TGLS = 4-7]			
[Hemorrhage TGLS = 4-7]			
* Adrenal Medulla		Hyperplasia	Mild
* Bone	Maxilla	Inflammation	Marked
* Brain		Inflammation	Mild
Eye		Degeneration	Marked
[Degeneration TGLS = 1-11]			
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Note: Tgl-2 is a deformity containing hypertrophic heptatoctyes of amphophilic tintorial qualities and some fat-like vacuoles; coded HDN as best choice in lexicon.			
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
* Lung		Pigmentation	Minimal
Note: artifactual lacrimal gland noted			
* Lymph Node, Mandibular		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 1875 PPM	**DISP:** Natural Death	**HISTO:** 9601458

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-10]			
* Nose		Inflammation	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Marked
* Stomach, Forestomach		Hyperplasia	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Bone Maxilla Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Brain Inflammation;Nose Inflammation;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Marked
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601459

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Moderate
* Thymus	Atrophy	Moderate
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Atrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
[Hepatocellular Adenoma TGLS = 4-5]			
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601460

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Thymus	Atrophy	Moderate
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Atrophy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pancreas		Hyperplasia	Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
Note: ectopic parathyroid noted			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Cervix	Leiomyosarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601461

ORGAN AND ACCOUNTABLE SITE STATUS

[Leiomyosarcoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Atrophy	Moderate
Eye		Cataract	Mild
		Degeneration	Mild
[Degeneration TGLS = 1-12]			
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 3-13,4]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601462

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 1-5,11]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601464

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601465

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 1,2-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Cholangiofibrosis	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2-4,5,11]			
[Mixed Cell Focus TGLS = 3-5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland		Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601466

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601467

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-11+12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 5-13]			
[Eosinophilic Focus TGLS = 3-4]			
[Mixed Cell Focus TGLS = 4-13]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601468

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-12+11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601469

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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal

[Eosinophilic Focus TGLS = 5-12]
[Hepatodiaphragmatic Nodule TGLS = 4-4]
[Mixed Cell Focus TGLS = 5-12]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601469

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-10]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 1-4,5]			
[Eosinophilic Focus TGLS = 1-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601470

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

Note: Focal area of subserosal fat on slide one corresponds to TGL-2.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver	Bile Duct	Cyst	Moderate
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Mixed Cell Focus	
[Cyst TGLS = 4-4]			
* Lung		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Minimal
* Spleen		Congestion	Minimal
	Red Pulp	Depletion Cellular	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
[Depletion Cellular TGLS = 3-1]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601471

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Calculus Micro Observation Only	
	Transit Epithe	Hyperplasia	Marked
		Inflammation	Minimal
	Transit Epithe	Metaplasia	Squamous, Marked

Note: Marked hyperplasia of metaplastic squamous epithelium morphologically similar to squamous papilloma.
[Calculus Micro Observation Only TGLS = 1-12]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 675
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Degeneration	Cystic, Minimal
		Inflammation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Bilateral, Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Adenoma TGLS = 2-11]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-4]			
* Lung		Pigmentation	Minimal
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601473

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Lung		Leukemia Mononuclear	
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601474

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Mild
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Adenoma TGLS = 2-11]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 1-4]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601475

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Minimal
* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601476

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-4]			
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-4]			
[Hepatocellular Adenoma TGLS = 2,3,4-11,13,14]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pancreas		Atrophy	Minimal
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601477

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Oncocytic, Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 1-4,5,11]			
[Eosinophilic Focus TGLS = 1-4,5,11]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Nervosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601478

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Congestion	Mild
	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Inflammation	Mild
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 1875 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601479

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 1875 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601480

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 481	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 482	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Marked
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lung		Inflammation	Minimal
* Pituitary Gland		Cyst	Moderate
[Cyst TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 483	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Rectum	* Lymph Node, Mandibular	* Nose	* 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 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

* Bone Marrow	Hyperplasia	Minimal
* Mammary Gland	Fibroadenoma	
[Fibroadenoma TGLS = 1-11]		

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Many tissues were cannibalized.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 484	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 484	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601484

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Transit Epithe	Carcinoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 485	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Atrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Mild
[Eosinophilic Focus TGLS = 1-11]			
* Lung		Inflammation	Mild
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 485	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601485

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 486	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601486

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Eye		Degeneration	Marked
[Degeneration TGLS = 1-13]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Angiectasis TGLS = 3,4-5,4+12]			
[Mixed Cell Focus TGLS = 2-11]			
* Lung		Pigmentation	Minimal
* Nose		Foreign Body	
		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 486	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601486

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 487	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
	Bile Duct	Cyst	Minimal
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus		Schwannoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 488	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Salivary Glands

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
[Mixed Cell Focus TGLS = 1,2-4,11]			
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 488	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601488

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 489	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Cyst	Marked
[Cyst TGLS = 2-7]			
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
		Pigmentation	Minimal
[Carcinoma TGLS = 1-11]			
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 489	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601489

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 490	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601490

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
* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Moderate
* Liver	Centrilobular	Hypertrophy	Minimal
* Spleen		Congestion	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 491	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601491

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Spleen		Congestion	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 492	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain		Mineralization	Minimal
Eye		Degeneration	Moderate
		Hemorrhage	Mild
[Degeneration TGLS = 1,2-11]			
[Hemorrhage TGLS = 1-11]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Mild
		Nephropathy	Mild
* Liver	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 493	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 1-5]			
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 494	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
		Nephropathy	Minimal
		Pigmentation	Mild
Note: Focal area of tubular adenoma noted on special stain slides (not on orginal H&E section).			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 494	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601494

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 3-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 4-4]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11,12,13]			
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601495

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 496	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601496

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Spleen		Congestion	Mild
		Pigmentation	Mild
* Stomach, Glandular		Erosion	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 497	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Marked
* Brain		Gliosis	Mild
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 1-1]			
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
[Angiectasis TGLS = 3-4]			
[Eosinophilic Focus TGLS = 4-11]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 497	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601497

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Mild
* Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 498	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* 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	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Rectum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 2-11]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
		Hydronephrosis	Mild
		Nephropathy	Minimal
		Pigmentation	Mild
[Hydronephrosis TGLS = 3-1]			
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	Pars Intermed	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-7]			
* Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 498	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601498

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Mild
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Intestine Large, Rectum Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 499	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

Blood Vessel		Inflammation	Mild
* Bone Marrow		Atrophy	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-11]			
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 5-4,5]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-11]			
* Pancreas		Hyperplasia	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 499	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601499

ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 500	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Angiectasis	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 2-5]			
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Heart		Schwannoma Benign	
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Lym Node Mand			
Note: marked erythrophagocytosis			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601502

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-11]			
* Spleen		Congestion	Mild
		Pigmentation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Moderate
Note: Atrophy in cystic ovary, with moderate hyperplasia of stromal component.			
[Cyst TGLS = 3-10]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
[Angiectasis TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601504

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601505

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7]			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland		Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
[Cyst TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
		Necrosis	Minimal
[Eosinophilic Focus TGLS = 4-4,5]			
* Lung		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 3-6]			
* Ovary		Granulosa-Theca Tumor Malignant	
[Granulosa-Theca Tumor Malignant TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601507

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601508

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gl			
Note: only 1 clitoral on slide			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Carcinoma	
	Renal Tubule	Carcinoma	Metastatic (Kidney)
		Nephropathy	Mild
		Pigmentation	Minimal
Note: Subcapsular location of two tumor foci in left kidney believed to be metastatic from large mass in right kidney.			
[Carcinoma TGLS = 1-1]			
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601508

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Carcinoma	Metastatic (Mammary Gland)
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
		Necrosis	Minimal
* Lung		Carcinoma	Metastatic (Mammary Gland)
		Pigmentation	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-7]			
* Spleen		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601509

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Adenoma	
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Inflammation	Mild
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 689
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-7]			
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Hyperplasia	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 689
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601511

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Inflammation	Minimal
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 724
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Necrosis	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver	Centrilobular	Degeneration	Moderate
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Atrophy	Marked
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
[Angiectasis TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Marked
* Thymus		Atrophy	Marked
* Uterus	Cervix	Hypertrophy	Marked
	Cervix	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 724
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601512

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 2-11]

PRIMARY CAUSE OF DEATH - Uterus Cervix Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Marked
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
* Thymus		Atrophy	Mild
* Trachea		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
* Liver	Centrilobular	Hypertrophy	Mild
* Pancreas		Inflammation	Minimal
* Spleen		Congestion	Mild
		Pigmentation	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
[Cyst TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
Note: Renal adenoma not on H&E slide; found on recuts made for special stains (Iron, PAS, M-H).			
* Liver		Eosinophilic Focus	
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 2,3-4,5]			
* Lung		Inflammation	Minimal
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601515

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Mild
[Cataract TGLS = 1-11]			
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 2-11]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601516

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601517

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 6-5]			
[Degeneration TGLS = 5-5,11]			
[Hepatocellular Adenoma TGLS = 7-11]			
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Mixed Cell Focus TGLS = 6-4]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-12,13]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601517

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Mild
[Eosinophilic Focus TGLS = 1-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Glandular		Inflammation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Adenoma	
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Marked
[Fibroadenoma TGLS = 2,3-11,12]			
[Hyperplasia TGLS = 4-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601519

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland

OBSERVATIONS

Eye		Cataract	Mild
	Retina	Degeneration	Mild
[Cataract TGLS = 1-13]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
		Pigmentation	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 7-14]			
[Hepatocellular Adenoma TGLS = 7-14]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-12,11]			
* Pancreas		Hypertrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601520

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 6-7]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Mild
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Mild
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 4-5]			
[Hypertrophy TGLS = 4-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601522

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hyperplasia	Mild
[Hyperplasia TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 486
	DOSE: 3750 PPM	**DISP:** Natural Death	**HISTO:** 9601523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	* Uterus

MISSING

* Brain	* Heart	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
	Pigmentation	Minimal
* Liver		
Note: median lobe cannibalized		
* Nose		
Note: Dense bacterial colonization of nasal mucosa interpreted to be post-mortem growth.		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Moderate
		Basophilic Focus	
	Bile Duct	Cyst	Moderate
	Centrilobular	Hypertrophy	Mild
		Inflammation	Mild
[Angiectasis TGLS = 4-5]			
[Cyst TGLS = 3-4]			
* Lung		Pigmentation	Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1,2-10]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Carcinoma	
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601524

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3,4-5,12]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601525

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Congestion	Mild
	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
* Thymus	Atrophy	Moderate
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601526

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
		Pigmentation	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 5-13]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 2-11]			
[Fibroadenoma TGLS = 3-12]			
* Ovary		Cyst	Marked
[Cyst TGLS = 4-10]			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Marked
* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Minimal
[Ulcer TGLS = 6-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601526

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 92
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601527

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
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Moderate
* Liver	Centrilobular	Hypertrophy	Mild
* Spleen		Congestion	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Hyperplasia	Oncocytic, Minimal
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Mild
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601529

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-7]		
* Spleen	Congestion	Mild
	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Atrophy	Minimal
		Inflammation	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Inflammation	Mild
* Lung		Foreign Body	
		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601531

ORGAN AND ACCOUNTABLE SITE STATUS

Tongue [Squamous Cell Papilloma TGLS = 1-11]	Squamous Cell Papilloma
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 1-4]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hyperplasia	Mild
Vagina		Cyst	Squamous, Marked
[Cyst TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601533

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Lung		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular		Ulcer	Minimal
* Trachea		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Fibrosis	Minimal
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Angiectasis TGLS = 2-5]			
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
	Artery	Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601535

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pancreas		Metaplasia	Hepatocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601536

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Minimal
[Cyst TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 2-5]			
* Lung		Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 352
	DOSE: 3750 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9601538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Lung		Inflammation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Pancreas		Atrophy	Minimal
* Trachea		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 3750 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9601539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Hepatodiaphragmatic Nodule	
	Centrilobular	Hypertrophy	Minimal
		Inflammation	Mild
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung		Inflammation	Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* 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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Brain		Inflammation	Minimal
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
	Medulla	Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Minimal
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-12,11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3750 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9601540

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE