C Number:	C88138B
Lock Date:	04/26/2002
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	07/02/2003

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102341

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
[Hyperplasia TGLS = 3-11]			
[Ulcer TGLS = 3-11]			
Tissue NOS			
Note: (Rete testis with adjacent tubuli recti - unilateral) - normal, not coded.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
Tissue NOS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102342

ORGAN AND ACCOUNTABLE SITE STATUS

Note: (Rete testis with adjacent tubuli recti - bilateral) - normal, not coded.

* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 703
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
[Carcinoma TGLS = 1-9]			
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Infiltration Cellular	Lymphoid, Minimal
[Carcinoma TGLS = 3-3]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 703
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102343

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicle	Degeneration	Minimal
		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	- Harderian Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	* 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
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone			
Note: TGL#1-11-NCL- Cervical bone considered to be within normal limits histologically.			
* Bone Marrow		Hemangiosarcoma	Metastatic (Skeletal Muscle)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 652
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102344

ORGAN AND ACCOUNTABLE SITE STATUS

Spinal Cord	Degeneration	Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Spinal Cord Degeneration

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102345

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Marked
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3-10]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 2-8]			
* Skin		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 1-10]			
* Stomach, Glandular	Glands	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102346

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		
MISSING			
* Gallbladder	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Hepatocellular adenoma on slides #03 and 10 - same neoplasm.			
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102348

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,2-10+11]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Gallbladder	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas		Cytoplasmic Alteration	Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102351

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 2-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102352

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL#1-10: Mesenteric fat nodule, documented at necropsy, is hepatocellular carci noma involving the liver histologically.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-11]			
[Mixed Cell Focus TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102353

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild
		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102354

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
Eye			
Note: Optic nerve missing.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 2-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
Note: 1. Duct, dilatation, moderate. 2. Duct, epithelium, hyperplasia, moderate. Unable to code-terms not available in current TDMS lexicon.			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102356

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Infiltration Cellular	Lymphoid, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland	* Pituitary Gland		
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-10]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
Eye	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Bone	* Bone Marrow	* Mammary Gland	
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	Eye	* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Adventitia, Aorta	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: Slides #06 and 06A			
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Hemangiosarcoma	
Note: Hemangiosarcoma - slides 03 and 03A. Metastatic A-B Carcinoma - slide #03A.			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolus, Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Minimal
Note: Metastatic A-B Carcinoma, mediastinum - Slides #03, 03A and 11.			
[Alveolar/Bronchiolar Carcinoma TGLS = 2-10]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mediastinal	Infiltration Cellular	Histiocyte, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102359

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Mediastinal L N - Infiltrating cell, histiocyte - Slides #06, 06A, and 11. Metastatic A-B Carcinoma - Slide #06A.
[Infiltration Cellular TGLS = 1-11]

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Atrophy	Mild
		Infiltration Cellular	Histiocyte, Moderate

Note: Metastatic A-B Carcinoma - Slides #06 and 06A

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102360

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Prostate	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Note: Small cyst present in cortex. Unable to code as cyst is not a term under adrenal cortex in the current TDMS lexicon.			
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle	Artery	Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102361

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-10]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
MISSING			
* Gallbladder	* Mammary Gland	* Parathyroid Gland	

OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102364

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Moderate
		Necrosis	Moderate
Note: Additional Alveolar-Bronchiolar adenoma on slide #03.			
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102367

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicle	Degeneration	Mild
[Adenoma TGLS = 3-10]			
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-10+11]			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Mild
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

Note: TGL#3-11-NCL: Right anterior lobe nodule not demonstrated histologically.
Note: Additional neoplasms or extensions of the documented median lobe neoplasms also on slides #03 and 05.
[Hepatocellular Adenoma TGLS = 2,4-10+12]

* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-2]			
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic Active, Moderate
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hemangiosarcoma	
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102370

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth		Malformation
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Gallbladder	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Thymus		Atrophy	Mild
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102371

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-10]			
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102373

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102375

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Note: Cyst present in cortex - unable to code as cyst is not a term under adrenal cortex in current TDMS lexicon.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 2,3-10+11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102377

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye			
Note: Optic nerve not found in block or wet tissue.			
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-9]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102378

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Harderian Gland Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
MISSING			
* Mammary Gland	* Thymus		

OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102379

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
	Artery	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 1-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102380

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 2-10]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102381

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
Note: Cortical cyst also on slide #04.			
[Cyst TGLS = 3-11]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-10REE]			
[Hepatocellular Adenoma TGLS = 1-4]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Nose		Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102382

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Moderate
		Malformation	Moderate
		Odontoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 540
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: Metastatic pulmonary hepatocellular carcinoma foci also present on slide #03.			
[Hepatocellular Carcinoma TGLS = 2-11]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 463
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
Eye	* Gallbladder	* Intestine Large, 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
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 1-10]			
* Bone Marrow		Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 1-10]			
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 463
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102386

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Schwannoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Bone Schwannoma Malignant Skin;Bone Marrow Schwannoma Malignant Skin

Animal Note: TGL#1-10- Tibial mass, documented at necropsy, is a subcutaneous malignant schwa nnoma with local metastasis to tibial bone and marrow cavity.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Hepatocellular adenoma also on slide #04.			
[Hemangiosarcoma TGLS = 3-10]			
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102391

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102392

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 2-10]			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Marked
[Ectasia TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102393

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Testes	Germinal Epith	Degeneration	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102395

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Carcinoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102396

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102397

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Degeneration	Marked
Note: The tubules of one of the epididymides contained reduced numbers of viable spermatozoa and increased numbers of sloughed germinal epithelial cells.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Cyst TGLS = 2-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102398

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Rete Testes	Cyst	Moderate
	Germinal Epith	Degeneration	Mild
[Cyst TGLS = 3-7]			
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 585
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate	Artery	Inflammation	Chronic Active, Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 585
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102399

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Mild
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infarct	Marked
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Histopathologic appearance consistent with a strangulated liver lobe.			
[Infarct TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102400

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye			
Note: No optic nerve found in block or wet tissue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102401

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Moderate
	Cyst	Minimal
* Urinary Bladder	Infiltration Cellular	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Infarct	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Cyst	Mild
[Cyst TGLS = 1-10]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102402

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland	* Parathyroid Gland		

OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
		Thrombosis	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102403

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 554
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	Eye
* Gallbladder	* 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	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal gland available for histopathologic examination.			
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
	Artery	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Cyst TGLS = 5-4]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild

Note: A portion of the hepatoblastoma also present on slide #03
[Hepatoblastoma TGLS = 1-10]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102405

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 2,4-4+11]			
* Lung		Hepatoblastoma	Metastatic (Liver)
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Minimal
	Fat	Necrosis	Marked
	Fat	Pigmentation	Moderate
[Necrosis TGLS = 3-12]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
Note: TGL#3-12: Pancreatic nodule, documented at necropsy, is mesenteric fat nodule histologically.			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-10]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102406

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Epididymis		Granuloma Sperm	Mild
Eye			
Note: Optic nerve not found in block or wet tissue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
Note: Additional small metastatic lesion involving the liver is present on slide #03.			
Note: TGL#3-12 - NCL: Median lobe mass, documented at necropsy, not demonstrated histologically. Tissue extremely autolytic and fragmented.			
[Hemangiosarcoma TGLS = 6-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-13]			
Mesentery	Fat	Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 4-10]			
Skeletal Muscle		Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 5-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102407

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hemangiosarcoma TGLS = 1-11]	Hemangiosarcoma
PRIMARY CAUSE OF DEATH	- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102408

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	Multiple
	Epithelium	Ulcer	Moderate
[Hyperplasia TGLS = 2-10]			
[Squamous Cell Papilloma TGLS = 2-10]			
* Thymus		Atrophy	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked

Note: Additional clear cell foci involving the liver also on slides #03 and 10.
Note: Additional hepatocellular adenomas also on slides #03, 04 and 11.
[Clear Cell Focus TGLS = 3-11]
[Hepatocellular Adenoma TGLS = 2,4-10]

* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild

[Ectasia TGLS = 1-8]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102409

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-12]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Cyst TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-11]			
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102410

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102411

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,2,3-10+11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102412

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102413

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

Note: Histopathologic appearance consistent with a strangulated liver lobe.
[Hepatocellular Adenoma TGLS = 1-11]
[Infarct TGLS = 2-10]

* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102414

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Eye	Antr Chamber, Iris	Inflammation	Suppurative, Moderate
	Cornea	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-9]			
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 2-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: A portion of the hepatocellular adenoma also on slide #03.			
[Hepatocellular Adenoma TGLS = 3-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102416

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 4-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Parathyroid Gland		
OBSERVATIONS			
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102418

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Moderate
		Cyst	Minimal
Tooth		Malformation	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102419

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild

Note: TGL#5-4-NCL: Left liver lobe focus, documented at necrospy, not demonstrated histologically.
[Clear Cell Focus TGLS = 5-5+11]
[Hepatocellular Adenoma TGLS = 2,3,4-10+11+12]
[Mixed Cell Focus TGLS = 2,5-10+11+12]

* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102420

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-13]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102421

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102422

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 3-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-11]			
[Hepatocellular Adenoma TGLS = 1-10]			
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pituitary Gland	Pars Nervosa	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102423

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland	* Parathyroid Gland		
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,2-10]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-3]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 4-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102425

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102426

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Gallbladder	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102429

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Atrophy	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102430

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 449
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Eye			
Note: Optic nerve not found in block or wet tissue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
Note: A portion of the hepatocellular carcinoma is also on slide #03.			
[Hepatocellular Carcinoma TGLS = 1-10]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 449
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102431

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Necrosis	Moderate
Eye			
Note: Optic nerve not found in block or wet tissue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: A portion of the hepatocellular carcinoma is also on slide #03.			
[Hepatocellular Carcinoma TGLS = 1-10]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 2-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102432

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: A small hepatocellular adenoma also on slide #04.			
[Hepatocellular Adenoma TGLS = 2,3-5+10+11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102433

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Testes		Mineralization	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: A portion of the hepatocellular adenoma is also on slide #03.			
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102435

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Eye			
Note: Optic nerve not found in block or wet tissue.			
Harderian Gland		Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
[Hyperplasia TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Cyst TGLS = 3-10]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102436

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 2-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102437

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: Necrosis - individual hepatocytes with hemorrhage and influx of lymphoid cells.			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102438

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Moderate
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Eye			
Note: No optic nerve found in block or wet tisue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 3-3+10]			
[Hepatocellular Adenoma TGLS = 2,4,5,6-5+11+12+13]			
[Mixed Cell Focus TGLS = 3-3+5+10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102439

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes	Germinal Epith	Degeneration	Mild
[Degeneration TGLS = 1-7]			
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102440

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102441

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 2-5]			
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102442

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-10]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102444

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 1-5+10]			
[Hepatocellular Adenoma TGLS = 2-4+11]			
[Mixed Cell Focus TGLS = 3-12]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-13]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102446

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Cytoplasmic Alteration	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102448

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Angiectasis	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102449

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102450

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 1,2-10+11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102451

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
Note: Cyst in adrenal cortex not coded as this term is not included under adrenal cortex in current NTP lexicon.			
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Ito Cell Tumor Benign	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 6-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102452

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Carcinoma TGLS = 2-10]			
[Ito Cell Tumor Benign TGLS = 3,4,5-4+11+5]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2-10+4]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102453

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Intestine Large, 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	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2-4+10]			
[Hepatocellular Carcinoma TGLS = 3-12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102454

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-11]			
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102455

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Fibrosis	Mild
	Fat	Mineralization	Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102456

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
	Subcapsular	Hyperplasia	Minimal
Blood Vessel			
Note: Aorta is with heart section on slide #03.			
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
Note: Lung alveolar-bronchiolar adenoma also on slide #03.			
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102457

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Inflammation	Suppurative, Moderate
Harderian Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Marked
Note: Aortic valves contain large amounts of bacterial colonies and fibrin thrombi.			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
		Necrosis	Minimal
		Nephropathy	Mild
Note: Septic emboli from heart valve lesions producing micro-infarcts.			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Multinucleated	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
	Mediastinum	Inflammation	Suppurative, Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102458

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Heart Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 585
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-9]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Mild
[Hepatocellular Adenoma TGLS = 3-4]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 585
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102459

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-10]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Harderian Gland Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102461

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Spermatocele	Mild
Harderian Gland		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102462

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
[Cyst TGLS = 2-10]			
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102463

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 589
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 589
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102464

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
		Infiltration Cellular	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102466

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild

[Clear Cell Focus TGLS = 1-10]
[Eosinophilic Focus TGLS = 1-10]
[Mixed Cell Focus TGLS = 1-10]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102467

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3,4-11+12]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102468

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-8]		
* Prostate	Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands	Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 1-10]			
[Mixed Cell Focus TGLS = 1-10]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102469

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102470

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-11]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* 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	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 6-11]			
[Hepatocellular Adenoma TGLS = 5-10]			
[Mixed Cell Focus TGLS = 6-11]			
* Lung		Infiltration Cellular	Lymphoid, Mild
Lymph Node	Mediastinal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102471

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Moderate
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

[Hepatoblastoma TGLS = 3-10]
[Hepatocellular Adenoma TGLS = 4-11]
[Hepatocellular Carcinoma TGLS = 2-5]
[Mixed Cell Focus TGLS = 3-10]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102472

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
Tooth	Gingiva	Inflammation	Chronic Active, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
[Infiltration Cellular TGLS = 5-7]			
* Kidney		Infarct	Marked
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
[Infarct TGLS = 2-4]			
[Inflammation TGLS = 3,4-10]			
[Nephropathy TGLS = 3,4-10]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: No correlating lesion for TGLs 6-11.			
[Hepatocellular Adenoma TGLS = 1-5]			
* Lung		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102473

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Carcinoma TGLS = 2,3-10+11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102474

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Parathyroid Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-5+10]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102475

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pancreas	Acinus	Atrophy	Marked
* Preputial Gland		Inflammation	Chronic Active, Minimal

Note: TGL#1-8-NCL: Size of left preputial gland considered to be within normal limits histologically.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102476

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
		Inflammation	Chronic Active, Moderate
		Malformation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102478

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Inflammation	Chronic Active, Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Moderate
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Moderate
* Lung		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-13]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 683
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102479

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 2-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Marked
	Epithelium	Hyperplasia	Squamous, Mild
		Squamous Cell Carcinoma	
Note: Forestomach squamous cell carcinoma, epithelial hyperplasia, and hyperkeratosis also on slide #05.			
[Hyperkeratosis TGLS = 3-10+11]			
[Hyperplasia TGLS = 3-10+11]			
[Squamous Cell Carcinoma TGLS = 3-10+11]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Gallbladder		Cyst	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102480

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fibrosis	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Multinucleated	Moderate
	Hepatocyte	Necrosis	Mild
[Hepatocellular Adenoma TGLS = 4,2-5,11]			
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Fibrosis	Moderate
	Fat	Mineralization	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 679
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102482

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
		Inflammation	Chronic Active, Marked
		Malformation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Marked
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Fatty Change TGLS = 2-10]			
[Hepatocellular Adenoma TGLS = 1-4]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Moderate
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102483

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Mild
	Glands	Mineralization	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102484

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-4]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102485

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Mild
Tooth	Inflammation	Chronic Active, Moderate
	Malformation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102486

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Nasolacrim Dct	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102487

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
		Ectopic Thyroid	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: Hepatocellular adenoma also on slide #03.			
[Hepatocellular Adenoma TGLS = 3,4-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102488

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Mild
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Mild
		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102489

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-11]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Eye	Cornea	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 1-9]			
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 2-9]			
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 3-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 4-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102490

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate

Note: Cyst in left kidney, documented at necropsy, is present on slides #04 and 04A, but not on slide #10.
Note: There is a cortical cyst in both the right and left kidney.
[Cyst TGLS = 2-4+4A]

* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102491

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Mild
[Ectasia TGLS = 1-8]			
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Hepatoblastoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatoblastoma TGLS = 2-10]			
* Lung		Hepatoblastoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Mild
[Ectasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102492

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histologic examination.			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
[Hepatocellular Adenoma TGLS = 3-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Minimal
Note: Slide 10 contains histologic sections of the wall of the mesenteric cyst documented at necropsy. Cyst is not included in the current TDMS lexicon for mesentery			
[Fibrosis TGLS = 1-10]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102493

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
[Hyperplasia TGLS = 3-11]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102494

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pancreas		Cyst	Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102495

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Note: Cyst in adrenal cortex. Unable to code as cyst is not in the current TDMS lexicon for adrenal cortex.			
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 2-9]			
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Mixed Cell Focus TGLS = 3-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102496

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]		
* Prostate	Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands	Infiltration Cellular	Lymphoid, Minimal
* Testes	Mineralization	Minimal
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatoblastoma TGLS = 1-10]			
* Lung		Hepatoblastoma	Metastatic (Liver)
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Mineralization	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes	Germinal Epith	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102497

ORGAN AND ACCOUNTABLE SITE STATUS

		Mineralization	Minimal
PRIMARY CAUSE OF DEATH	- Liver Hepatoblastoma		
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Mild
		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: TGL#3-10-NCL: Median lobe focus, documented at necropsy, not demonstrated histologically.			
* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
* Nose		Inflammation	Suppurative, Focal, Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102498

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
	Artery	Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Germinal Epith	Degeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102499

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3,4,5-10+11+11I+12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 6-13]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102500

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 2-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-13]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
Note: Mediastinal lymph node also on slide #06.			
[Lymphoma Malignant TGLS = 5-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102501

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-11]			
Mesentery	Fat	Lymphoma Malignant	
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Hyperplasia	Atypical, Mild
Note: Hyperplasia involves the endothelial cells.			
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Eosinophilic Focus TGLS = 4-4]			
[Hepatocellular Adenoma TGLS = 2,3,5-10+11+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102502

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 4-12]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL#1-10-NCL: Median lobe nodule, documented at necropsy, not demonstrated histologically.			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102503

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal
* Thymus		Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102504

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102505

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* 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			
* Gallbladder	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102508

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
	Follicle	Degeneration	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-9]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Int Lg Colon			
Note: Colon section is present on slide #04.			
* Int Sm Ileum			
Note: Ileum section is present on slide #05.			
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102509

ORGAN AND ACCOUNTABLE SITE STATUS

	Hepatocyte	Multinucleated	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-10]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102510

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102511

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102512

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102513

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Minimal
		Tension Lipidosis	
[Hepatocellular Carcinoma TGLS = 1-10]			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
* Testes		Mineralization	Minimal
* Thymus		Atrophy	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,4-10; 2-11]			
[Mixed Cell Focus TGLS = 5-11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102515

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi	Metaplasia	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102516

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		Mineralization	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2,3-4+10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102517

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Infiltration Cellular	Lymphoid, Minimal
* Thymus	Atrophy	Marked
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102518

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102519

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

Note: A portion of the hepatocellular carcinoma is also on slide #03.
[Hepatocellular Adenoma TGLS = 3-11]
[Hepatocellular Carcinoma TGLS = 2-10]

* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102520

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102521

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 4-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatoblastoma TGLS = 2-10]			
[Hepatocellular Adenoma TGLS = 1,3-4+11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102522

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Cyst TGLS = 2-10]			
[Nephropathy TGLS = 1-4+10]			
* Liver	Bile Duct	Cyst	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Cyst TGLS = 3-11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Metaplasia	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102523

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal
* Thymus		Cyst	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102524

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102525

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Testes		Mineralization	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
Harderian Gland	* 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	* Preputial Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
Note: A portion of the hepatocellular adenoma is also on slide #03.			
[Hepatocellular Adenoma TGLS = 5-11]			
[Lymphoma Malignant TGLS = 4-3+4+5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 3-10]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
Mesentery	Fat	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102527

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Lymphoma Malignant	
* Prostate	Lymphoma Malignant	
* Salivary Glands	Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]		
* Thymus	Atrophy	Moderate
Tooth	Odontoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 5-4]			
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,2-10+11]			
[Mixed Cell Focus TGLS = 4-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102528

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 3-3]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Testes		Mineralization	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pancreas
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 2-10]			
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

Note: Hepatocellular adenoma also on slide #04.
[Hepatocellular Adenoma TGLS = 3-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102529

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pancreas		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102530

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3,4-4+10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102531

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 2-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Lymphoma Malignant	
	Hepatocyte	Necrosis	Minimal

Note: TGL#2-13-NCL: Depressed area probably represents a congenital deformity of median liver lobe.
[Lymphoma Malignant TGLS = 3-3+4+13; 9-13]

* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	

[Lymphoma Malignant TGLS = 4-11]
[Lymphoma Malignant TGLS = 8-12]
[Lymphoma Malignant TGLS = 6-10]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102532

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Mesentery	Fat	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-4]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Intestine Large, 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	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102533

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes		Mineralization	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infarct	Marked
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: TGL#2-10: Histomorphology consistent with a strangulated liver lobe.			
[Hepatocellular Carcinoma TGLS = 1-11]			
[Infarct TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102534

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102535

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Adenoma	
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3,4-5+10]			
[Mixed Cell Focus TGLS = 3-4]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102536

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 5,6,7-11+12]			
* Nose	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,4,5-10+11]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3-10]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102537

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 2-8]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Minimal
* Testes		Mineralization	Minimal
* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 1-4]			
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-10]			
[Hepatocellular Adenoma TGLS = 3,4-10+11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102538

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Cyst TGLS = 2-4]			
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3-11]			
* Nose	Olfactory Epi	Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102539

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphoid, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1-10]			
Lymph Node	Mediastinal	Inflammation	Granulomatous, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
* Nose	Olfactory Epi	Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102540

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	* 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	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
	Epithelium, Glands	Hyperplasia	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Int Sm Jejunum			
Note: Section of jejunum is on slide #04 instead of slide #05.			
* Kidney		Infiltration Cellular	Lymphoid, Moderate
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary		Cyst	Marked
	Bilateral	Tubulostromal Adenoma	
[Cyst TGLS = 1-7]			
[Tubulostromal Adenoma TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102542

ORGAN AND ACCOUNTABLE SITE STATUS

	Polyp Stromal
[Polyp Stromal TGLS = 2-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Marked
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Moderate
		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Inflammation	Chronic Active, Mild
		Necrosis	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 3-4+5]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Atrophy	Moderate
	Mediastinal	Infiltration Cellular	Histiocyte, Moderate
* Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Marked
		Hemorrhage	Marked
[Hemorrhage TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102544

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
[Inflammation TGLS = 4-5+11]			
[Ulcer TGLS = 4-5+11]			
* Thymus		Atrophy	Marked
		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Ovary Hemorrhage		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Marked
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Fibrosis	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-10]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
		Inflammation	Chronic Active, Moderate
		Pigmentation	Mild
[Cyst TGLS = 2-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102548

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Clear Cell Focus	
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
[Lymphoma Malignant TGLS = 2-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Cyst	Mild
		Lymphoma Malignant	
		Pigmentation	Minimal
Note: Only one ovary available for histologic examination.			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102549

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-6]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]			
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 456
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye			
Note: Optic nerve not found in block or wet tissue.			
Harderian Gl			
Note: Only one harderian gland available for histologic examination.			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Lung	Alveolus	Hemorrhage	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Nose			
Note: First nasal section was cannibslized.			
* Ovary		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Tissues are mildly to markedly autolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Lung		Osteosarcoma	Metastatic (Skin)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Skin		Osteosarcoma	
[Osteosarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
[Hyperplasia TGLS = 3-4]			
* Thymus		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Hyperplasia TGLS = 2-7]			
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Foreign Body	
		Infiltration Cellular	Lymphoid, Minimal
Note: Foreign body looks like a piece of cartilage which has become lodged in the lumen of a pulmonary vessel. Metastatic chordoma?			
* Ovary		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-10]			
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102555

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 5-12]			
* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Rectum		Sarcoma Stromal	Metastatic (Uterus)
* Kidney		Atrophy	Moderate
		Hydronephrosis	Moderate
		Nephropathy	Mild
[Atrophy TGLS = 6-4]			
[Hydronephrosis TGLS = 7-4]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
		Sarcoma Stromal	Metastatic (Uterus)
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Sarcoma Stromal	Metastatic (Uterus)
Mesentery	Fat	Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 4-11]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102556

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Sarcoma Stromal	Metastatic (Uterus)
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Sarcoma Stromal	Metastatic (Uterus)
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Marked
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
		Sarcoma Stromal	Metastatic (Uterus)
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Mild
		Sarcoma Stromal	
[Hyperplasia TGLS = 2-7]			
[Sarcoma Stromal TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Uterus Sarcoma Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
Eye		Atrophy	Marked
[Atrophy TGLS = 1-9]			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 2-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102558

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
Harderian Gland		Adenoma	
		Lymphoma Malignant	
* Kidney		Hydronephrosis	Mild
		Lymphoma Malignant	
[Hydronephrosis TGLS = 6-4+12]			
[Lymphoma Malignant TGLS = 5-4+12]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12-4]			
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: TGL#10-12 refers to the axillary lymph nodes.
[Lymphoma Malignant TGLS = 8-14]
[Lymphoma Malignant TGLS = 1,2-11+10]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102560

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-10]			
[Lymphoma Malignant TGLS = 10-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-13]			
* Mammary Gl			
Note: TGL#1,2-11+10: Mammary gland masses, documented at necropsy, are enlarged inguinal lymph nodes secondary to malignant lymphoma histologically.			
Mesentery	Fat	Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Cyst	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-7]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
* Thymus		Atrophy	Marked
		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* 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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Eye			
Note: Only one eye available for histologic examination. Optic nerve not found in block or wet tissue.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 2,3,4,5-10+11+12+13]			
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 613
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Popliteal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL#6,7-13 relates to the axillary lymph nodes.			
[Lymphoma Malignant TGLS = 4-11]			
[Lymphoma Malignant TGLS = 6,7-13]			
[Lymphoma Malignant TGLS = 9,10-14]			
[Lymphoma Malignant TGLS = 5-12]			
[Lymphoma Malignant TGLS = 8-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 613
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102563

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-10]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Moderate
		Cyst	Mild
[Cyst TGLS = 2-7]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
		Lymphoma Malignant	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
Eye		Atrophy	Marked
Note: Optic nerve not found in block or wet tissue.			
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	Hepatocyte	Necrosis	Mild
[Lymphoma Malignant TGLS = 2-4+5]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Hemorrhage	Marked
		Lymphoma Malignant	
[Hemorrhage TGLS = 1-7]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 414
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
Eye	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Ovary	* Uterus

OBSERVATIONS

* Heart		Lymphoma Malignant
* Kidney		Lymphoma Malignant
Lymph Node	Mediastinal	Lymphoma Malignant
	Renal	Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-11]		
[Lymphoma Malignant TGLS = 1-10]		
* Lymph Node, Mandibular		Lymphoma Malignant
* Lymph Node, Mesenteric		Lymphoma Malignant
[Lymphoma Malignant TGLS = 5-5]		
* Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 3-4]		
* Thymus		Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-6]		

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: All tissues examined histologically were markedly autolyzed.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL#2-12 refers to the axillary lymph nodes.			
[Lymphoma Malignant TGLS = 5-11]			
[Lymphoma Malignant TGLS = 6-10]			
[Lymphoma Malignant TGLS = 2-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Mesentery	Fat	Lymphoma Malignant	
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102568

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Thymus		Cyst	
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Marked
		Pigmentation	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1,4-7+10]			
* Pancreas	Acinus	Atrophy	Marked
		Cyst	Moderate
		Infiltration Cellular	Lymphoid, Mild
[Atrophy TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102570

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-8]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102571

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Angiectasis	Mild
		Atrophy	Marked
		Pigmentation	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102573

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Moderate
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Chronic Active, Mild
		Polyp Stromal	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102576

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 1,2-7,10]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Mild
	Artery	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	Peripheral Nerve
* Pituitary Gland	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
		Cystadenoma	
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hemangiosarcoma	Metastatic (Bone Marrow)
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Bone Marrow Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Angiectasis	Moderate
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Hepatocellular adenoma also present on slide #03.			
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102579

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin			
Note: TGL#1-10: Subcutaneous tissue mass, documented at necropsy, is mammary gland carcinoma histologically.			
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin	* Stomach, Forestomach
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-12]			
[Hepatocellular Adenoma TGLS = 4-11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Marked
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102584

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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
* Salivary Glands	* Skin	* Spleen	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-10]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Mammary Gl			
Note: TGL#1-10: Mammary gland mass, documented at necropsy, is subcutaneous fibrosarcoma histologically.			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102586

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: TGL#3-11-NCL: Adrenal size within normal limits histologically.			
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 4-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Atrophy	Moderate
		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102587

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Pigmentation	Minimal
Note: TGL#2-7-NCL: Ovarian cyst, documented at necrospy, not demonstrated histologically.			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 608
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Mild
* Heart	Valve	Inflammation	Chronic Active, Marked
Note: Heart valves also contain fibrin and bacterial colonies admixed with inflammatiory cells. Consistent with a Dx of vegatative valvular endocarditis.			
* Kidney		Inflammation	Chronic Active, Moderate
Note: Septic embolic pyelonephritis.			
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Hemorrhage	Mild
	Mediastinum	Inflammation	Chronic Active, Moderate
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 3-10]			
[Hyperplasia TGLS = 4-6]			
Mesentery	Fat	Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 608
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 0102589

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-11]			
* Skin	Subcut Tiss	Infiltration Cellular	Polymorphnuclr, Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Thymus		Inflammation	Chronic Active, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Chronic Active, Marked

PRIMARY CAUSE OF DEATH	- Ovary Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Heart Valve Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: A cortical cyst is present in one gland. Cannot code as "cyst" is not in current NTP lexicon under adrenal cortex.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Marked
		Cyst	Marked
		Hemorrhage	Marked
[Cyst TGLS = 1-10]			
[Hemorrhage TGLS = 1-10]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
		Cyst	
	Thymocyte	Necrosis	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102591

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Ovary Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Leiomyoma	
[Hyperplasia TGLS = 1-7+10]			
[Leiomyoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102593

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-6]			
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-9]			
* Kidney		Infarct	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102594

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Stomach, Forestomach	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-10]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Mild
	Glands	Mineralization	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102595

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Infiltration Cellular	Lymphoid, Mild
Vagina		

Note: TGL#1-7:Cause of uterine dilatation, documented at necropsy, not demonstrated histologically.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Cyst	
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102596

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Trachea	Glands	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-5]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102597

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-10]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-5]			
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102598

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Eye		Lymphoma Malignant	
Note: Only one eye available for histopathologic examination.			
Harderian Gland		Lymphoma Malignant	
Note: Only one Harderian gland available for histopathologic examination.			
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-13+14]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-11]			
[Lymphoma Malignant TGLS = 6-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-12]			
* Mammary Gland		Lymphoma Malignant	
Mesentery	Fat	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102599

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Marked
		Hemorrhage	Marked
		Lymphoma Malignant	
		Mineralization	Mild
[Cyst TGLS = 3-7]			
[Hemorrhage TGLS = 3-7]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Squamous, Moderate
[Hyperplasia TGLS = 10-15]			
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	
		Ectopic Parathyroid Gland	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102600

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102601

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102602

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102603

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-10]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 316
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric	* Parathyroid Gland

OBSERVATIONS

* Kidney	Cortex	Cyst	
* Liver	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Marked
		Hemorrhage	Marked
[Cyst TGLS = 1-10]			
[Hemorrhage TGLS = 1-10]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Ovary Hemorrhage
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Necrosis

Animal Note: All tissues examined histopathologically were mildly to markedly autolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102605

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 561
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Carcinoma	Metastatic (Thyroid Gland)
		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Carcinoma	Metastatic (Thyroid Gland)
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Carcinoma	Metastatic (Thyroid Gland)
		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
[Carcinoma TGLS = 2-10]			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Moderate
		Cyst	
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 1-11]			
* Trachea		Carcinoma	Metastatic (Thyroid Gland)
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 561
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102606

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Thyroid Gland Follicular Cel Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 2,3-5+10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102607

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Lymphoma Malignant TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Lymphoma Malignant	
* Ovary		Atrophy	Moderate
		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Infiltration Cellular	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102608

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-4]			
* Thymus		Lymphoma Malignant	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain		Infiltration Cellular	Lymphoid, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-5]			
[Mixed Cell Focus TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
Note: Only one ovary available for histopathologic examination.			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102609

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-12]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-12]			
[Hyperplasia TGLS = 7-13]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Inflammation	Chronic Active, Marked
	Fat	Mineralization	Mild
	Fat	Necrosis	Marked
[Inflammation TGLS = 6-13]			
[Necrosis TGLS = 6-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102610

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pancreas		Cyst	Moderate
Skel Muscle			
Note: TGL#s1,4-10+11-Skeletal muscle masses, documented at necropsy, are multiple subcutaneous malignant schwannomas histologically.			
Note: TGL#6-13-Histologically, the skeletal muscle mass, documanted at trim, is a necrotic and inflammed mesentery fat nodule adhered to the abd. wall.			
* Skin	Subcut Tiss	Schwannoma Malignant	Multiple
[Schwannoma Malignant TGLS = 1,4-10+11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-4]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Trachea	Glands	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Adenoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2,3-10+11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
Skeletal Muscle		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102611

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3-11]			
* Ovary		Atrophy	Marked
		Mineralization	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102612

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 522
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

Animal Note: TGL#1-10-Tissue NOS mass, documented at necropsy, is a subcutaneous malignant sc hwannoma histologically.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Gallbladder		Cyst	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 4-11]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-10]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-5]			
* Ovary		Atrophy	Moderate
		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102615

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-5]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102616

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	
		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Angiectasis	Mild
		Atrophy	Marked
		Cyst	Moderate
		Hemorrhage	Marked
		Mineralization	Mild
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102617

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102618

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* 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	* Stomach, Forestomach
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Atrophy	Marked
		Cyst	Marked
[Atrophy TGLS = 3-10]			
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Hemangioma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102619

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Bilateral	Polyp Stromal	
[Hyperplasia TGLS = 1-7]			
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
Note: NO CORRELATING LESION FOR TGLS = 1-7			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hemangioma	
		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102621

ORGAN AND ACCOUNTABLE SITE STATUS

	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea

MISSING

* Parathyroid Gland	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102622

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102623

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
		Pigmentation	Minimal
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Bone Marrow		Myelofibrosis	Minimal
* Gallbladder		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
* Liver		Lymphoma Malignant	
	Hepatocyte	Necrosis	Mild
		Tension Lipidosis	Mild
[Lymphoma Malignant TGLS = 2-3+4+5+15+16+17 - 3-15+16+17]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-10]			
[Lymphoma Malignant TGLS = 6-11]			
[Lymphoma Malignant TGLS = 4-6]			
[Lymphoma Malignant TGLS = 8-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102625

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-13]			
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Mild
		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-14]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
		Cyst	Mild
		Cystadenoma	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102627

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Mineralization	Minimal
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-11]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Mast Cell Tumor Malignant	Metastatic (Oral Mucosa)
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
Mesentery	Fat	Lymphoma Malignant	
Oral Mucosa	Gingival	Mast Cell Tumor Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-10]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102630

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Moderate
		Mast Cell Tumor Malignant	Metastatic (Oral Mucosa)
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* 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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Necrosis	Mild
Harderian Gland		Hyperplasia	Mild
* Intestine Large, Cecum	Lymphoid Tiss	Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	Hepatocyte	Necrosis	Mild
[Hepatocellular Adenoma TGLS = 1-12]			
[Lymphoma Malignant TGLS = 2-10]			
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Hemorrhage	Marked
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
[Lymphoma Malignant TGLS = 3-11]			
[Lymphoma Malignant TGLS = 8-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102632

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 6-13]			
Mesentery	Fat	Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-4]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 3-10]			
* Lung		Infiltration Cellular	Lymphoid, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Subcut Tiss	Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102634

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Moderate
		Cyst	Marked
		Hemorrhage	Marked
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 312 PPM	**DISP:** Natural Death	**HISTO:** 0102635

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Ovary Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102636

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
	Glands	Mineralization	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 641
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosis	Moderate
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Thyroid Gland		Inflammation	Chronic Active, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 641
	DOSE: 312 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102639

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Skin Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-10]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
		Cystadenoma	
[Cystadenoma TGLS = 2-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 312 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102640

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Ovary		Atrophy	Marked
		Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102641

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102642

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Eye	Lens	Cataract	Moderate
[Cataract TGLS = 1-9]			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102643

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-5+10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
		Cystadenoma	
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102644

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
[Lymphoma Malignant TGLS = 6-10]			
[Lymphoma Malignant TGLS = 4-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102645

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-12]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
[Hemangiosarcoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Subcut Tiss	Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus			

Note: TGL#2-7-NCL: Dilatation of uterine horns, documented at necropsy, not demonstrated histologically.

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Mammary Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin			
Note: TGL#1-10: Skin mass, document4ed at necropsy, is mammary gland adenoma histologically.			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102649

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Angiectasis	Mild
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
		Cyst	Marked
		Hemorrhage	Marked
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102650

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
Note: Only one ovary available for histopathologic examination.			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102651

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* 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	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Lymphoma Malignant	
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL#6-12 relates to the axillary lymph nodes.			
[Lymphoma Malignant TGLS = 5-11]			
[Lymphoma Malignant TGLS = 6-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102652

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102653

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Gallbladder		Infiltration Cellular	Lymphoid, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Infarct TGLS = 2-11]			
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102654

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-10]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Infiltration Cellular	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-4]			
* Stomach, Glandular	Glands	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102655

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	* 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
* Skin	* Stomach, Forestomach	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102656

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Marked
		Hemorrhage	Marked
		Mineralization	Mild
		Pigmentation	Mild
[Cyst TGLS = 1-10]			
[Hemorrhage TGLS = 1-10]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102657

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 478
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Mast Cell Tumor Malignant	
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
		Mast Cell Tumor Malignant	
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Mast Cell Tumor Malignant	
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
		Infiltration Cellular	Mast Cell, Moderate
		Mast Cell Tumor Malignant	
* Thyroid Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 478
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102658

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
Mesentery	Fat	Fibrosis	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-10]			
* Ovary		Atrophy	Marked
		Cyst	Marked
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Thyroid Gland	Follicular Cel	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102659

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Mild
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
* Lung		Fibrosarcoma	Metastatic (Skin)
		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Marked
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 7-12]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 4-11]			
* Ovary		Atrophy	Marked
		Cyst	Marked
[Cyst TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Marked
	Duct	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102660

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 5-4]			
* Thymus		Hyperplasia	Lymphoid, Marked
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 6-3]			
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain		Infiltration Cellular	Lymphoid, Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 3-10]			
[Mixed Cell Focus TGLS = 3-10]			
* Lung		Infiltration Cellular	Lymphoid, Mild
Mesentery	Fat	Fibrosis	Mild
	Fat	Infiltration Cellular	Lymphoid, Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102662

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: Small cyst in cortex of one adrenal. Unable to code as "cyst" is not in current NTP lexicon.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 3-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
		Cystadenoma	
[Cyst TGLS = 2-7]			
[Cystadenoma TGLS = 2-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Parathyroid Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102663

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Hemangiosarcoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-4]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102664

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Histiocytic Sarcoma TGLS = 2-5; 3-4+5+10]			
* Lung		Histiocytic Sarcoma	
		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102667

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pituitary Gland	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Mild
[Infiltration Cellular TGLS = 4-3]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
	Pancreatic	Hyperplasia	Lymphoid, Marked
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Fibrosis	Mild
	Fat	Infiltration Cellular	Lymphoid, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-10]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Parathyroid Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102668

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-4]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-12]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Infiltration Cellular	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
Note: TGL#4-12: Kidney mass, documented at necropsy, is renal lymph node enlarged due to malignant lymphoma.			
* Liver		Hematopoietic Cell Proliferation	Mild
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-15]			
* Lung		Infiltration Cellular	Lymphoid, Mild
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
Note: TGL#4-12: Renal lymph node also on slide #12.			
[Lymphoma Malignant TGLS = 4-12; 5,6-11]			
[Lymphoma Malignant TGLS = 9-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-14]			
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102669

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-13]			
* Thymus		Cyst	
Note: TGL#7-10-NCL: Thymic size considered to be within normal limits histologically for this age mouse.			
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: TGL#1-7-NCL: Red discoloration, documented at necropsy, probably due to congestion.			
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Inflammation TGLS = 3-4+5+10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Uncertain Primary Site)
		Infiltration Cellular	Lymphoid, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 5-11]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Parathyroid Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102670

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Gallbladder		Cyst	Mild
		Mineralization	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 2-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102671

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 204
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye			
Note: Optic nerve not found in block or wet tissue.			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
[Cyst TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
Skeletal Muscle		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102673

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Histiocytic Sarcoma	
Eye			
Note: No optic nerve found in block or wet tissue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Histiocytic Sarcoma	
		Mineralization	Minimal
		Nephropathy	Mild
[Histiocytic Sarcoma TGLS = 4-4]			
* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[Hepatocellular Adenoma TGLS = 3-11]			
[Histiocytic Sarcoma TGLS = 2-3+4+5+11]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-10]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102674

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-4]			
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland	Follicle	Degeneration	Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Trachea	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Inflammation	Chronic Active, Mild
* Intestine Small, Duodenum		Inflammation	Chronic Active, Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	Fat	Necrosis	Marked
[Inflammation TGLS = 2-10]			
[Necrosis TGLS = 2-10]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Intestine Small, Duodenum Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Mesentery Fat Inflammation;Mesentery Fat Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102675

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: Only one adrenal gland available for histopathologic examination.			
* Clitoral Gland		Histiocytic Sarcoma	
* Heart		Mineralization	Mild
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
		Mineralization	Mild
* Liver		Histiocytic Sarcoma	
		Mineralization	Mild
	Hepatocyte	Necrosis	Mild
[Histiocytic Sarcoma TGLS = 3-3+4+5+10]			
[Necrosis TGLS = 2-10]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Renal	Histiocytic Sarcoma	
* Nose		Histiocytic Sarcoma	
		Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Marked
Note: Only one ovary available for histopathologic examination.			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked
* Uterus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 718
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102676

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 1,4-7+11]

PRIMARY CAUSE OF DEATH	- Uterus Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Histiocytic Sarcoma	
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
[Hepatocellular Adenoma TGLS = 3-11]			
[Histiocytic Sarcoma TGLS = 2-10]			
* Lung		Histiocytic Sarcoma	
		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
		Cyst	Moderate
		Histiocytic Sarcoma	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-2]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102677

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Intestine Large, 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Hyperplasia	Atypical, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Mesentery	Fat	Fibrosis	Mild
	Fat	Infiltration Cellular	Lymphoid, Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Ovary		Atrophy	Marked
		Cyst	Marked
		Hemorrhage	Marked
		Mineralization	Mild
[Cyst TGLS = 1-11]			
[Hemorrhage TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102678

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* 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	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Eye			
Note: No optic nerve found in block or wet tisssue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 11-10]			
[Mixed Cell Focus TGLS = 10-4]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-11]			
[Lymphoma Malignant TGLS = 8-12]			
[Lymphoma Malignant TGLS = 9-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102680

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-13]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
		Cyst	Mild
		Cystadenoma	
		Histiocytic Sarcoma	
[Cystadenoma TGLS = 3-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 4,5-4+10]			
[Histiocytic Sarcoma TGLS = 6-10]			
[Hyperplasia TGLS = 5-10]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 2-11]			
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
Note: Only one ovary available for histopathologic examination.			
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102681

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Mineralization	Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-10]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102682

ORGAN AND ACCOUNTABLE SITE STATUS

	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Mitotic Alteration	Mild
Note: The diagnosis of mitotic alteration refers to an increase in the number of mitotic figures present.			
* Lung		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
[Granulosa Cell Tumor Malignant TGLS = 3,4-11]			
* Ovary	Bilateral	Granulosa Cell Tumor Malignant	
		Pigmentation	Mild
[Granulosa Cell Tumor Malignant TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102683

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 0102685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
Eye	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Ovary	Inflammation	Chronic Active, Marked
* Thymus	Atrophy	Marked
* Uterus	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-10]		

PRIMARY CAUSE OF DEATH	- Uterus Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Ovary Inflammation

Animal Note: All tissues examined histopathologically were markedly autolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102686

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* 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	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2,3,7-10+5+13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 4-12]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102687

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-11]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-11]			
* Lung		Infiltration Cellular	Lymphoid, Mild
Mesentery	Fat	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-10]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thyroid Gland		Infiltration Cellular	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102688

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Two additional hepatocellular adenomas are present on slides numbers 04 and 05.			
[Hepatocellular Adenoma TGLS = 1-10]			
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102689

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-10]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 3,4-10+11]			
* Ovary		Atrophy	Marked
		Cyst	Marked
		Hemorrhage	Marked
[Cyst TGLS = 1-7]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 5-6]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102692

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Ovary Hemorrhage		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Marked
		Hemorrhage	Marked
[Atrophy TGLS = 2-7]			
[Cyst TGLS = 1-10]			
[Hemorrhage TGLS = 1-10]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102693

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
		Cyst	
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Ovary Hemorrhage		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* 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	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Intestine Large, 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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Hyperplasia	Atypical, Marked
Note: Atypical endothelial hyperplasia.			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102695

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Necrosis	Minimal
Eye			
Note: Optic nerve not found in block or wet tissue.			
* Intestine Large, Colon		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 7-10]			
* Kidney		Glomerulosclerosis	Marked
		Infiltration Cellular	Lymphoid, Mild
	Artery	Inflammation	Chronic Active, Moderate
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Marked
[Metaplasia TGLS = 3-12]			
* Liver		Angiectasis	Mild
		Infiltration Cellular	Lymphoid, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102696

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-6+6A]			
* Ovary		Atrophy	Marked
		Cyst	Moderate
		Hemorrhage	Marked
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Kidney Glomerulosclerosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102697

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: Small hepatocellular adenoma also on slide #05.			
[Hepatocellular Adenoma TGLS = 3-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102698

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Gallbladder		Histiocytic Sarcoma	
* Intestine Small, Jejunum		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
		Hydronephrosis	Moderate
		Mineralization	Minimal
[Histiocytic Sarcoma TGLS = 5,6-4]			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Histiocytic Sarcoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
[Histiocytic Sarcoma TGLS = 3-11]			
* Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 10-10]			
Lymph Node	Inguinal	Histiocytic Sarcoma	
	Lumbar	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-13]			
[Histiocytic Sarcoma TGLS = 9-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102700

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 7-12]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-5]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-4]			
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Histiocytic Sarcoma	
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 1-10]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: TGL#1-10: Enlarged pancreatic lymph node, documented at necropsy, is an islet ce ll carcinoma histopathologically.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Liver		Angiectasis	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 2-5]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102702

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-4]			
[Hyperplasia TGLS = 1-4]			
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 435
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
Blood Vessel	Aorta	Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 435
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102703

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	Ear
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Adrenal Cortex	* Adrenal Medulla

OBSERVATIONS

Blood Vessel	Aorta	Fibrous Histiocytoma	Metastatic (Skin)
* Bone Marrow		Myelofibrosis	Minimal
Eye			
Note: Optic nerve not found in block or wet tissuee.			
* Kidney		Fibrous Histiocytoma	Metastatic (Skin)
		Mineralization	Mild
* Liver		Basophilic Focus	
		Fibrous Histiocytoma	Metastatic (Skin)
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[Fibrous Histiocytoma TGLS = 5-3]			
* Lung		Fibrous Histiocytoma	Metastatic (Skin)
Lymph Node	Mediastinal	Fibrous Histiocytoma	Metastatic (Skin)
	Pancreatic	Fibrous Histiocytoma	Metastatic (Skin)
	Renal	Fibrous Histiocytoma	Metastatic (Skin)
[Fibrous Histiocytoma TGLS = 3-13]			
[Fibrous Histiocytoma TGLS = 4-12]			
* Lymph Node, Mesenteric		Fibrous Histiocytoma	Metastatic (Skin)
[Fibrous Histiocytoma TGLS = 2-11]			
* Mammary Gl			
Note: TGL#1-10: Mammary gland mass, documened at necropsy, is subcutaneous fibrous histiosarcoma histologically.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102705

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Fibrous Histiocytoma	Metastatic (Skin)
* Ovary		Atrophy	Marked
		Cystadenoma	
		Fibrous Histiocytoma	Metastatic (Skin)
[Cystadenoma TGLS = 6-7]			
* Pancreas	Acinus	Atrophy	Marked
		Fibrous Histiocytoma	Metastatic (Skin)
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-10]			
* Spleen		Fibrous Histiocytoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Fibrous Histiocytoma	Metastatic (Skin)
* Thymus		Atrophy	Marked
		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrous Histiocytoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 466
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Marked
	Pancreatic	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-12]			
[Hyperplasia TGLS = 2-10]			
[Hyperplasia TGLS = 3-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Metaplasia	Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-4]			
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 466
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102706

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102707

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 3-11]			
[Hepatocellular Adenoma TGLS = 2,4-10+4]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Moderate
* Pancreas	Acinus	Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102709

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal
* Uterus		

Note: TGL#1-7: The cause of the uterine dilatation, documented at necropsy, not demonstrated histologically.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphoid, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
		Cystadenoma	
[Cystadenoma TGLS = 1-10]			
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102710

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Infiltration Cellular	Lymphoid, Minimal
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	Ear	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Angiectasis	Moderate
	Hepatocyte	Autolysis	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
[Angiectasis TGLS = 2-10]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate
		Ectopic Parathyroid Gland	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Liver Angiectasis

Animal Note: Most tissues examined histologically were mildly to markedly autolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
[Carcinoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102712

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Carcinoma	Metastatic (Thyroid Gland)
		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-10]			
* Kidney		Infarct	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
* Lung		Carcinoma	Metastatic (Thyroid Gland)
		Infiltration Cellular	Lymphoid, Minimal
Lymph Node	Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102713

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-3]			
* Urinary Bladder		Inflammation	Chronic Active, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Thyroid Gland C Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	Oviduct
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102714

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 1-10]			
Mesentery	Fat	Hemorrhage	Marked
	Fat	Mineralization	Minimal
[Hemorrhage TGLS = 2-10]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	Oviduct
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102716

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	Oviduct
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
	Alveolus	Hemorrhage	Mild
		Infiltration Cellular	Lymphoid, Mild
[Granulosa Cell Tumor Malignant TGLS = 4-11]			
[Hemorrhage TGLS = 3-10]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild

Note: Lesion probably lost during processing or microtomy.
Note: No evidence of malig. granulosa cell tumor in either ovary dispite the presence of a metastatic lesion in the lungs.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102717

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
* Kidney		Infarct	Moderate
		Lymphoma Malignant	
		Mineralization	Mild
		Nephropathy	Mild
[Lymphoma Malignant TGLS = 1-4]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
Note: Only one ovary available for histopathologic examination.			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102718

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-10]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102719

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
Blood Vessel	Aorta	Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Esophagus		Lymphoma Malignant	
Eye		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
[Lymphoma Malignant TGLS = 6-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Mammary Gland		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-10]			
Mesentery	Fat	Lymphoma Malignant	
* Nose	Olfactory Epi	Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102720

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Parathyroid Gland		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hemorrhage	Marked
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
	Epithelium	Ulcer	Mild
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Trachea		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphoid, Minimal
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102721

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102722

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Fibrosarcoma	Metastatic (Skin)
	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 5-4]			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Fibrosarcoma	Metastatic (Skin)
		Fibrosarcoma	Metastatic (Skin)
[Alveolar/Bronchiolar Adenoma TGLS = 6-3]			
[Fibrosarcoma TGLS = 6-3+11]			
Mesentery	Fat	Fibrosarcoma	Metastatic (Skin)
	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-10]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102723

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Fibrosarcoma	Metastatic (Skin)
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Glandular		Fibrosarcoma	Metastatic (Skin)
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 344
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 0102724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Trichoepithelioma	
[Trichoepithelioma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Trichoepithelioma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Mineralization	Minimal
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
		Inflammation	Chronic Active, Mild
* Stomach, Glandular	Glands	Ectasia	Mild
	Glands	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102727

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 675
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Lymphoma Malignant	
		Metaplasia	Osseous, Minimal
		Mineralization	Mild
		Nephropathy	Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-10]			
* Nose	Olfactory Epi	Metaplasia	Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 675
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102728

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Thymus		Atrophy	Moderate
		Cyst	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Subcapsular	Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Marked
		Histiocytic Sarcoma	
		Mineralization	Minimal
[Histiocytic Sarcoma TGLS = 2-4]			
* Liver		Histiocytic Sarcoma	
		Infarct	Marked
[Histiocytic Sarcoma TGLS = 3-3+5+10+11]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery	Fat	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-11]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102729

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Histiocytic Sarcoma
* Uterus	Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 1-7]	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pituitary Gland	* Stomach, Forestomach	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Marked
		Histiocytic Sarcoma	
	Subcapsular	Hyperplasia	Mild
		Mineralization	Mild
Blood Vessel		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Clitoral Gland		Histiocytic Sarcoma	
* Gallbladder		Histiocytic Sarcoma	
Harderian Gland		Histiocytic Sarcoma	
* Heart		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
		Infarct	Mild
		Mineralization	Minimal
[Histiocytic Sarcoma TGLS = 5-4]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-3+4+5]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102730

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 4-11]			
[Histiocytic Sarcoma TGLS = 2-10]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-2]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-5]			
* Mammary Gland		Histiocytic Sarcoma	
Mesentery	Fat	Histiocytic Sarcoma	
* Nose		Histiocytic Sarcoma	
		Inflammation	Chronic Active, Mild
	Olfactory Epi	Metaplasia	Minimal
* Ovary		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Salivary Glands		Histiocytic Sarcoma	
Skeletal Muscle		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-4]			
* Stomach, Glandular	Glands	Ectasia	Mild
		Histiocytic Sarcoma	
* Thymus		Atrophy	Marked
		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
		Histiocytic Sarcoma	
Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Histiocytic Sarcoma	
* Uterus		Histiocytic Sarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Moderate
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
[Hemangiosarcoma TGLS = 2-10]			
* Lung		Hemangiosarcoma	Metastatic (Liver)
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-5]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102731

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 3-10]			
* Nose	Olfactory Epi	Metaplasia	Moderate
* Ovary		Atrophy	Marked
		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Heart Hemangiosarcoma Liver

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain		Hemorrhage	Mild
		Inflammation	Chronic Active, Mild
Eye			
Note: Optic nerve not found in block or wet tissue.			
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Large, Colon		Hemangiosarcoma	Metastatic (Skeletal Muscle)
[Hemangiosarcoma TGLS = 10-11]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Multinucleated	Minimal
* Lung		Hemangiosarcoma	Metastatic (Skeletal Muscle)
	Alveolus	Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102732

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 9-10]			
[Hemorrhage TGLS = 9-10]			
[Infiltration Cellular TGLS = 9-10]			
[Pigmentation TGLS = 9-10]			
Lymph Node	Mediastinal	Hemangiosarcoma	Metastatic (Skeletal Muscle)
* Lymph Node, Mesenteric		Hemangiosarcoma	Metastatic (Skeletal Muscle)
Mesentery	Fat	Fibrosis	Mild
	Fat	Hemangiosarcoma	Metastatic (Skeletal Muscle)
	Fat	Necrosis	Marked
[Hemangiosarcoma TGLS = 5,6,7-12,11,13]			
[Necrosis TGLS = 8-13]			
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Moderate
		Hemorrhage	Marked
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-12I]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Thymus		Atrophy	Moderate
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus		Hemangiosarcoma	Metastatic (Skeletal Muscle)
	Endometrium	Hyperplasia	Cystic, Mild
[Hemangiosarcoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Skeletal Muscle Hemangiosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Moderate
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102733

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
		Infiltration Cellular	Lymphoid, Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102734

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* Gallbladder	* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

Harderian Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Eye			
Note: Only one eye available for histologic examination.			
* Int Lg Cecum			
Note: TGL#1-4-NCL: Cause for cecal discoloration, documented at necropsy, not demonstrated histologically. May have been due to autolysis.			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Liver	Centrilobular, Hepatocyte	Degeneration	Marked
		Infiltration Cellular	Lymphoid, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate
		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 637
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102735

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102736

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 400
	DOSE: 1250 PPM	**DISP:** Accidentally Killed	**HISTO:** 0102737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Clitoral Gland
* Esophagus	Eye	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone	Maxilla	Fracture	
[Fracture TGLS = 1-1]			
* Brain		Hemorrhage	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Minimal
* Nose		Hemorrhage	Moderate
* Ovary		Atrophy	Moderate
* Parathyroid Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Bone Maxilla Fracture

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Small hepatocellular adenomas on slides #03, 04 and 05.			
[Clear Cell Focus TGLS = 1-3+4]			
[Inflammation TGLS = 1-3+4+5]			
* Lung		Infiltration Cellular	Lymphoid, Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102738

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	
* Thyroid Gland	Follicle	Degeneration	Minimal
		Infiltration Cellular	Lymphoid, Mild
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	Eye	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Lymphoma Malignant	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 0102739

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Gingiva	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
Note: Only one adrenal gland available for histopathologic examination.			
Note: TGL#3-11: Enlarged adrenal glds., documented at necropsy, are renal lymph nodes histologically which are enlarged due to malignant lymphoma.			
* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Mild
		Nephropathy	Minimal
[Lymphoma Malignant TGLS = 4-4]			
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Hemorrhage	Moderate
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-10]			
[Lymphoma Malignant TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 0102740

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
* Nose	Olfactory Epi	Metaplasia	Moderate
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		Necrosis	Marked
[Lymphoma Malignant TGLS = 1-4+13]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-6]			
Tooth	Gingiva	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE