C Number:	C92013B
Lock Date:	09/13/2002
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	12/06/2004

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
[Adenoma TGLS = 1-23]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99163

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98685

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
Note: Lesion of pancreas is on slide 4.			
* Pituitary Gland		Cyst	
	Pars Distalis	Hypertrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99069

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-6]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 6-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Cyst	
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98686

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
[Hyperplasia TGLS = 7-4]			
[Ulcer TGLS = 7-4]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 7-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fibrosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Fibrosis TGLS = 9-22]			
* Lung		Congestion	Moderate
		Infiltration Cellular	Mixed Cell, Mild
[Congestion TGLS = 8-2]			
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-7]			
[Hyperplasia TGLS = 7-3]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98210

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Mild
* Heart		Leukemia Mononuclear	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-7]			
[Leukemia Mononuclear TGLS = 12-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 10-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98687

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	
[Accessory Spleen TGLS = 9-21]			
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild
[Edema TGLS = 11-4]			
[Hyperplasia TGLS = 11-4]			
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Hemorrhage	Moderate
		Ulcer	Moderate
[Hemorrhage TGLS = 2-8]			
[Ulcer TGLS = 2-8]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Mild
	Serosa	Inflammation	Chronic, Focal, Mild
		Inflammation	Chronic, Minimal
[Inflammation TGLS = 3-21]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99165

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tissue NOS	Mediastinum	Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Nervosa	Inflammation	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98211

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Zymbal's Gland	Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hyperplasia TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98688

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach		Ulcer	Minimal
* Stomach, Glandular		Edema	Moderate
		Erosion	Moderate
		Leukemia Mononuclear	
[Erosion TGLS = 6-4]			
[Leukemia Mononuclear TGLS = 6-4]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Minimal
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Compression	Focal, Moderate
[Compression TGLS = 4-1]			
* Kidney		Nephropathy	Moderate
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98689

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 97729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Heart		Cardiomyopathy	Moderate
		Thrombosis	Marked
[Thrombosis TGLS = 9-5]			
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 8-3]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 7-5]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 6-21]			
* Nose		Hemorrhage	Moderate
		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 97729

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Spleen		Atrophy	Moderate
		Fibrosis	Diffuse, Moderate
* Stomach, Forestomach		Edema	Moderate
		Ulcer	Moderate
[Ulcer TGLS = 5-4]			
* Testes		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Heart Thrombosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Congestion	Moderate
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Congestion TGLS = 4-6]			
* Lung		Congestion	Moderate
[Congestion TGLS = 3-2]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Mild
[Degeneration TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99070

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Seminal Vesicle	* Skin	Spinal Cord	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Lymph Node, Mandibular	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone	Vertebra	Cyst	Marked
Note: TGL 11 is classed as nonneoplastic aneurysmal bone cyst of atlas secondary to impaired circulation from pressure of nearby Zymbals gland tumor.			
[Cyst TGLS = 11-22]			
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Moderate
		Spermatocele	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node	Pancreatic	Ectasia	Mild
	Mediastinal	Hemorrhage	Moderate
	Deep Cervical	Hyperplasia	Plasma Cell, Moderate
	Pancreatic	Hyperplasia	Histiocytic, Mild
[Ectasia TGLS = 5-7]			
[Hemorrhage TGLS = 7-3]			
[Hyperplasia TGLS = 5-7]			
[Hyperplasia TGLS = 8-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98254

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-1]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Atrophy	Focal, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
		Ulcer	Mild
[Hyperplasia TGLS = 14-25]			
[Inflammation TGLS = 14-25]			
[Ulcer TGLS = 14-25]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-8, 10-21]			
PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99071

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	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:** 99072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Complex	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Mild
	Hepatocyte	Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99343

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 6-7]		
* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland		Cyst	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 4-21]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99073

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate

[Adenoma TGLS = 1-7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99166

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Mild
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
Mesentery	Fat	Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Mild
[Degeneration TGLS = 2-23]			
[Inflammation TGLS = 1-23]			
* Prostate		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99168

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Minimal
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 5-23]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-22]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99169

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 547
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hemorrhage TGLS = 3-3]			
[Hyperplasia TGLS = 3-3]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hypertrophy	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Hyperplasia	Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 547
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96032

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 5-23]		
Zymbal's Gland		Carcinoma
[Carcinoma TGLS = 4-22]		
PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-10]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
Note: Islet cell adenoma is on slide 4.			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99170

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland		Cyst	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-7-1]			
* Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99074

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Minimal
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Fatty Change TGLS = 2-6]			
* Lung		Congestion	Mild
[Congestion TGLS = 3-2]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99075

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Lung		Infiltration Cellular	Mixed Cell, Mild
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Prostate		Inflammation	Chronic, Moderate
[Inflammation TGLS = 5-7-1]			
* Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99076

ORGAN AND ACCOUNTABLE SITE STATUS

[Basal Cell Adenoma TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
		Cyst	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			
[Cyst TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 582
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 96033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Harderian Gland	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland

AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Ileum	* Kidney		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
		Hemorrhage	Focal, Mild
* Brain	Meninges	Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 5-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Preputial Gland		Leukemia Mononuclear	
* Prostate	Epithelium	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 582
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 96033

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Hemorrhage	Mild
[Hemorrhage TGLS = 4-3]			
PRIMARY CAUSE OF DEATH	- Brain Meninges Hemorrhage		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-44]			
[Degeneration TGLS = 1-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Ectasia TGLS = 8-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 597
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97610

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 7-7]			
* Lymph Node, Mesenteric		Ectasia	Moderate
		Leukemia Mononuclear	
[Ectasia TGLS = 6-5]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
Note: Pancreas shows edema microscopically (TGL 5-7). "Edema" is not a choice in TDMS dictionary.			
* Skin		Cyst Epithelial Inclusion	Moderate
[Cyst Epithelial Inclusion TGLS = 9-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Angiectasis	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 3-22]			
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Focal, Mild
[Adenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99077

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99171

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Preputial Gland		Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Dilatation	Marked
[Dilatation TGLS = 1-21, 2-8]			
Mesentery	Fat	Necrosis	Focal, Moderate
Note: TGL 4-22 is an area of fat necrosis that has progressed to a fibrous siderotic nodule (Gamna-Gandy body), a type of scar tissue.			
[Necrosis TGLS = 4-22]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Focal, Moderate
[Adenoma TGLS = 6-1]			
[Hemorrhage TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99173

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
[Clear Cell Focus TGLS = 5-6]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Preputial Gland		Hyperplasia	Cystic, Mild
		Inflammation	Chronic, Mild
[Hyperplasia TGLS = 1-8]			
[Inflammation TGLS = 2-8]			
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99174

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
Note: Tissue of one adrenal gland is missing.			
* Adrenal Medulla		Pheochromocytoma Complex	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hemorrhage	Moderate
[Ectasia TGLS = 6-3]			
[Hemorrhage TGLS = 6-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98255

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 4-6]			
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Histiocytic, Moderate
* Skin	Subcut Tiss	Fibroma	Multiple
[Fibroma TGLS = 1-21, 2-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 6-22]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Moderate
[Adenoma TGLS = 2-21]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99176

ORGAN AND ACCOUNTABLE SITE STATUS

		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 2-22]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99177

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 99344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Focal, Moderate
* Heart		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-6, 4-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 99344

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 6-1]			
[Leukemia Mononuclear TGLS = 6-1]			
* Prostate		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-21]			
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS	Abdominal	Leukemia Mononuclear	
	Mediastinum	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-22]			
[Leukemia Mononuclear TGLS = 8-23]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Cytoplasmic Alteration	Focal, Minimal
* Brain		Compression	Focal, Moderate
[Compression TGLS = 6-1]			
* Harderian Gland	Epithelium	Hyperplasia	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99078

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
[Fibroma TGLS = 3-22]			
[Keratoacanthoma TGLS = 1-21]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Mild
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Mild
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-44]			
[Degeneration TGLS = 1-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Congestion	Minimal
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 5-21]			
* Lung		Inflammation	Chronic, Focal, Mild
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99085

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland		Angiectasis	Mild
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 2-8]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 589
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 96034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Thyroid Gland		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
[Hepatodiaphragmatic Nodule TGLS = 5-22]			
* Mammary Gland		Fibrosis	Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-21]			
* Spleen		Atrophy	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 4-7]			
[Atrophy TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
[Basophilic Focus TGLS = 2-6]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Histiocytic, Focal, Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
* Lung		Hemorrhage	Focal, Minimal
[Hemorrhage TGLS = 4-2]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Skin		Hyperkeratosis	Focal, Mild
[Hyperkeratosis TGLS = 5-22]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99179

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 6-7]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Focal, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Mild
[Degeneration TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98144

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-3]			
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Focal, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-21, 4-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hemorrhage	Focal, Mild
	Pars Distalis	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99180

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 98690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Thyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
		Sarcoma	
Note: Neoplasm involving kidney is classed as renal mesenchymal tumor (stromal nephroma) of fibrosarcomatous pattern (TGL 3).			
[Sarcoma TGLS = 3-21, 3-21-1, 3-21-2]			
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
		Fibrosis	Moderate
[Degeneration TGLS = 1-8]			
[Fibrosis TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Atrophy	Moderate
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 5-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 98690

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Kidney Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 464
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 96035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mesenteric	Oral Mucosa
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Thyroid Gland

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 1-1]			
* Kidney		Congestion	Moderate
[Congestion TGLS = 7-5]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 6-21]			
* Lung		Congestion	Moderate
		Hemorrhage	Focal, Mild
[Congestion TGLS = 5-2]			
[Hemorrhage TGLS = 5-2]			
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 3-8]			
* Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 464
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 96035

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-21]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Moderate
* Testes			
Note: Testes are normal.			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-22]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
* Lung		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 6-2]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99086

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Necrosis	Marked
Note: Necrosis of adrenal cortex affects only one adrenal gland.			
* Adrenal Medulla		Leukemia Mononuclear	
		Necrosis	Moderate
Note: Necrosis of adrenal medulla affects same adrenal that shows necrosis of the adrenal cortex.			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
		Thrombosis	Moderate
[Leukemia Mononuclear TGLS = 8-5]			
* Kidney		Infarct	Marked
		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: TGL 6-5 affects only the right kidney.			
[Infarct TGLS = 6-5]			
* Liver	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 7-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96041

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Hemorrhage TGLS = 4-7]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-8]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Glandular		Ulcer	Moderate
[Ulcer TGLS = 9-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Marked
Note: Cortex of right adrenal (TGL 3-22) is distended from within by pressure of large cystic structure that probably originally was lesion of angiectasis.			
[Degeneration TGLS = 3-22]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 6-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Ectasia	Minimal
[Ectasia TGLS = 4-3]			
* Mammary Gland		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 1-21]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99255

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99105

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 7-22]			
* Bone Marrow		Leukemia Mononuclear	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver		Angiectasis	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Cyst	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99106

ORGAN AND ACCOUNTABLE SITE STATUS

		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Focal, Moderate
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
		Leukemia Mononuclear	
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
[Fibroadenoma TGLS = 3-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99107

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	Peripheral Nerve	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-1]			
[Leukemia Mononuclear TGLS = 9-1]			
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-21]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 8-2]			
[Leukemia Mononuclear TGLS = 8-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96042

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
Peritoneum	Tunica Vaginal	Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-21]			
* Pituitary Gland		Leukemia Mononuclear	
Spinal Cord		Hemorrhage	Focal, Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
	Tunic	Mesothelioma Malignant	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Mild
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-21]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-3]			
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99109

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
[Clear Cell Focus TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 5-22]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Minimal
* Spleen		Fibrosis	Focal, Moderate
[Fibrosis TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99111

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 694
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 98659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum
* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-22]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 694
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 98659

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 4-7]			
[Atrophy TGLS = 5-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99256

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-3]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-21]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
[Clear Cell Focus TGLS = 3-6]			
[Fatty Change TGLS = 3-6]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Hyperplasia TGLS = 5-6]			
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-7-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99258

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 621
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 97737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	Lymph Node	* Lymph Node, Mesenteric	* Pancreas
* Spleen	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Thrombosis	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 5-6]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-2]			
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node			
Note: Lymph Node Mediastinal is autolyzed.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 621
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 97737

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 8-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

Animal Note: TGLs 4 & 9 = NCL (No Correspondingl Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 3-6]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
* Spleen		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
* Pancreas	Acinus	Atrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 516
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain	Pineal Gland	Neoplasm Nos	
[Neoplasm Nos TGLS = 1-1]			
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH - Brain Pineal Gland Neoplasm Nos

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 275
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 91937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Ear	* Epididymis	* Esophagus
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Eye		Cataract	Moderate
[Cataract TGLS = 4-44]			
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Marked
		Hyperplasia	Plasma Cell, Moderate
Note: TGL 3-21 is axillary lymph node.			
[Hyperplasia TGLS = 2-3]			
[Hyperplasia TGLS = 3-21]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 1-5]			
Oral Mucosa		Foreign Body	Moderate
		Inflammation	Chronic, Focal, Moderate
Note: Lesions of oral mucosa are on slides #9 and #22. Foreign body is vegetable matter.			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 275
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 91937

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Oral Mucosa Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Lymph Node Mediastinal Hyperplasia;Oral Mucosa Foreign Body

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 5-22]			
[Mixed Cell Focus TGLS = 5-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6, 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99112

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 547
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain	Meninges	Congestion	Focal, Mild
[Congestion TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Congestion	Moderate
[Congestion TGLS = 10-4]			
* Kidney		Nephropathy	Moderate
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 13-22]			
Lymph Node	Mediastinal	Ectasia	Moderate
[Ectasia TGLS = 1-3]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Prostate	Epithelium	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 14-7]			
* Thyroid Gland	Follicle	Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 547
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96044

ORGAN AND ACCOUNTABLE SITE STATUS

Tongue [Squamous Cell Carcinoma TGLS = 2-21]	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99113

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: Leukemia in this rat is in early stage (not advanced).

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 97738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
Lymph Node	* Lymph Node, Mesenteric	* Pancreas	* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
		Thrombosis	Moderate
[Leukemia Mononuclear TGLS = 5-5, 5-5-1]			
[Thrombosis TGLS = 5-5, 5-5-1]			
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Lymph Node			
Note: Lymph Node Mediastinal is autolyzed.			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 97738

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-6]		
* Testes	Interstit Cell	Adenoma

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

Animal Note: TGL 3 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99114

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
Note: Compression of brain (TGL 10-1) is unilateral, probably due to compression and deformity of braincase by Zymbals gland tumor.			
[Compression TGLS = 10-1]			
* Eye	Antr Chamber	Exudate	Moderate
[Exudate TGLS = 8-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 6-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Moderate
* Skin		Ulcer	Moderate
[Ulcer TGLS = 7-22]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99115

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Inflammation	Focal, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Moderate
[Inflammation TGLS = 5-24]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 9-23]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
[Cyst TGLS = 4-23]			
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 5-21, 10-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland		Cyst	
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99116

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-6, 9-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 7-3]			
Tongue	Epithelium	Cyst	Mild
		Squamous Cell Papilloma	
[Cyst TGLS = 11-24]			
[Squamous Cell Papilloma TGLS = 11-24]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-3]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 6-5]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
* Preputial Gland		Adenoma	
		Hyperplasia	Cystic, Mild
		Inflammation	Chronic, Mild
[Adenoma TGLS = 1-21]			
* Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98695

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 4-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7, 3-7]			
PRIMARY CAUSE OF DEATH	- Preputial Gland Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 98660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Thyroid Gland			

INSUFFICIENT TISSUE

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 98660

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 6-23]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-22]			
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-23]			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-21]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 1-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-21, 4-22]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 577
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 2-1]			
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lym Node Mand			
Note: Mandibular lymph node is present in this rat.			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
* Thyroid Gland	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
* Skin	Epidermis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98696

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adren Cortex			
Note: One adrenal gland is on slide 5; the other is on slide 10.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Lung		Congestion	Mild
		Inflammation	Chronic, Focal, Mild
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99120

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 3-22]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Degeneration	Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Minimal
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Prostate		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
		Atrophy	Minimal

[Adenoma TGLS = 2-7]
[Atrophy TGLS = 1-7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99263

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 275
	DOSE: 625 PPM	**DISP:** Natural Death	**HISTO:** 91938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular	* Mammary Gland		
AUTO PRECLUDES DIAG.			
* Eye	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Spleen	* Thymus	* Thyroid Gland	
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Mesentery	Fat	Necrosis	Focal, Marked
[Necrosis TGLS = 1-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99264

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
Note: Most pigment in kidney is dispersed homogeneously within hyaline droplets in epithelium of renal tubules.			
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Focal, Mild
[Fatty Change TGLS = 6-6]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-5, 2-21]			
Peritoneum	Tunica Vaginal	Mesothelioma Malignant	
		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99265

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 4-7]			
[Atrophy TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-1, 7-23, 10-23]			
[Leukemia Mononuclear TGLS = 7-1, 7-23, 10-23]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6, 3-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98215

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Moderate
[Hyperplasia TGLS = 9-22, 9-22.1]			
[Ulcer TGLS = 9-22, 9-22.1]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 9-22, 9-22.1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Hemorrhage	Moderate
[Hemorrhage TGLS = 6-8]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99266

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Cyst Epithelial Inclusion	Mild
[Cyst Epithelial Inclusion TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99267

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 2-6, 2-21]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-3]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99121

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 477
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Marked
[Compression TGLS = 4-1]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Focal, Mild
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1-1]			
* Preputial Gland		Degeneration	Cystic, Moderate
* Prostate	Epithelium	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 477
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96046

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hyperkeratosis	Focal, Mild
[Hyperkeratosis TGLS = 6-4, 6-23]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2-1, 10-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-5]			
* Mammary Gland		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 625 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98697

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 1-21]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild
* Spleen		Fibroma	
		Fibrosis	Focal, Moderate
		Infarct	Moderate
		Leukemia Mononuclear	
[Fibroma TGLS = 3-23]			
[Fibrosis TGLS = 3-23]			
[Infarct TGLS = 2-22]			
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			
* Thymus		Leukemia Mononuclear	
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	Tongue
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 8-23]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 625 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99268

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Prostate		Inflammation	Chronic, Mild
Skeletal Muscle		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-22]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 5-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Mineralization	Minimal
Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 5-6]			
Lymph Node	Pancreatic	Hemorrhage	Mild
[Hemorrhage TGLS = 3-7]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-21]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99090

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99091

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 694
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21, 2-21]			
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-21, 2-21]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 5-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 694
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98658

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Salivary Glands	Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-22, 6-23]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99235

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-1]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Minimal
* Heart		Leukemia Mononuclear	
		Thrombosis	Moderate
[Thrombosis TGLS = 8-5]			
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97734

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Mild
* Skin		Cyst Epithelial Inclusion	Moderate
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 10-4]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Mild
* Thymus		Angiectasis	Moderate
		Leukemia Mononuclear	
[Angiectasis TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 9-3]			
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular	* Pituitary Gland		
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 3-6]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis			
Note: Epididymis shows distinct edema. Edema is a diagnostic term not available in TDMS menu of terms.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate	Epithelium	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99237

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 7-6]			
[Eosinophilic Focus TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99238

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Moderate
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 594
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Mesothelioma Malignant	Metastatic (Mesentery)
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Mesothelioma Malignant	Metastatic (Mesentery)
* Epididymis		Mesothelioma Malignant	
* Intestine Large, Colon		Mesothelioma Malignant	Metastatic (Mesentery)
* Intestine Small, Duodenum		Mesothelioma Malignant	Metastatic (Mesentery)
* Kidney	Pelvis	Dilatation	Mild
	Capsule	Mesothelioma Malignant	Metastatic (Mesentery)
		Nephropathy	Mild
[Dilatation TGLS = 4-5]			
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Mesothelioma Malignant	Metastatic (Mesentery)
	Hepatocyte	Necrosis	Focal, Mild
[Hepatodiaphragmatic Nodule TGLS = 7-22]			
* Lung	Mediastinum	Mesothelioma Malignant	
		Mesothelioma Malignant	
Lymph Node	Mediastinal	Mesothelioma Malignant	Metastatic (Uncertain Primary Site)
	Pancreatic	Mesothelioma Malignant	Metastatic (Mesentery)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 594
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96036

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 8-3]			
[Mesothelioma Malignant TGLS = 9-7]			
* Lymph Node, Mesenteric		Mesothelioma Malignant	Metastatic (Mesentery)
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-4, 5-5, 5-7, 5-21, 5-23]			
* Nose		Foreign Body	Minimal
		Inflammation	Suppurative, Mild
* Pancreas		Mesothelioma Malignant	Metastatic (Mesentery)
[Mesothelioma Malignant TGLS = 5-7, 5-21]			
Peritoneum	Tunica Vaginal	Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
		Mesothelioma Malignant	Metastatic (Mesentery)
* Seminal Vesicle		Mesothelioma Malignant	Metastatic (Mesentery)
Skeletal Muscle		Mesothelioma Malignant	Metastatic (Mesentery)
[Mesothelioma Malignant TGLS = 6-23]			
* Spleen		Mesothelioma Malignant	Metastatic (Mesentery)
* Stomach, Forestomach		Mesothelioma Malignant	Metastatic (Mesentery)
* Stomach, Glandular		Mesothelioma Malignant	Metastatic (Mesentery)
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

Animal Note: Malign. pheochromocytoma and cholangiocarcinoma were considered as alternative d iagnoses for tumors in this rat diagnosed as malignant mesothelioma (atypical).

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 538
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
Lymph Node	Deep Cervical	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-22]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-23]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 538
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96037

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Granulomatous, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Ito Cell Tumor Benign	
		Leukemia Mononuclear	
Note: Liver nodule at necropsy (TGL 4, slide 21) is regenerative hyperplasia, a regular feature of advanced leukemia not recorded as separate lesion in leukemic rats.			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99239

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular	* Mammary Gland	* Thymus	
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			
* Pituitary Gland		Cyst	
	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 493
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Minimal
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-1]			
[Leukemia Mononuclear TGLS = 5-1]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
Note: Mandibular lymph node is present in this rat.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 493
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96038

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
[Hyperplasia TGLS = 7-22]			
[Inflammation TGLS = 7-22]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 8-21]			
* Testes	Interstit Cell	Hyperplasia	Focal, Mild
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 97613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Spleen	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Brain		Glioma Malignant	
[Glioma Malignant TGLS = 4-1, 5-1, 5-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
* Lung		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 2-2]			
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			

PRIMARY CAUSE OF DEATH - Brain Glioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Thrombosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 9-6, 10-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-3]			
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97735

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-8-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6, 8-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
[Hyperplasia TGLS = 12-4-1]			
[Ulcer TGLS = 12-4-1]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Mild
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 9-23]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 7-22, 7-22-1]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Leukemia Mononuclear	
* Pituitary Gland		Cyst	
* Spleen		Hemorrhage	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98691

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 4-6-1, 6-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder	Transit Epithe	Papilloma	
[Papilloma TGLS = 10-8-1]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Atrophy	Focal, Mild
		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Note: Liver atrophy is secondary to torsion.			
[Atrophy TGLS = 3-21, 4-21]			
[Clear Cell Focus TGLS = 2-6]			
* Pancreas	Acinus	Atrophy	Focal, Mild
Peritoneum		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 3-21]			
* Prostate		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99092

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 3-22, 6-6]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 5-8]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 4-23]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99094

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-3]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hypertrophy	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99095

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Testes	Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Minimal
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 2-6]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
Mesentery	Fat	Necrosis	Focal, Marked
[Necrosis TGLS = 6-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98149

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 3-6]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Prostate		Inflammation	Chronic, Minimal
* Skin		Hyperkeratosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Minimal
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99241

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Marked
		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Mild
[Hemorrhage TGLS = 5-7-1]			
Mesentery		Inflammation	Chronic, Mild
	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Mild
Skeletal Muscle		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-23]			
* Skin	Subcut Tiss	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-21]			
* Testes	Interstit Cell	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98692

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder	Muscularis	Hyperplasia	Moderate
	Transit Epithe	Hyperplasia	Mild
[Hyperplasia TGLS = 8-8]			
[Hyperplasia TGLS = 7-8]			

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Moderate
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99242

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Moderate
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Infarct TGLS = 5-5]			
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6, 8-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Hemorrhage TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98150

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Pancreas	Acinus	Atrophy	Diffuse, Moderate
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hypertrophy	Focal, Moderate
[Angiectasis TGLS = 3-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98699

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99097

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Brain		Compression	Focal, Moderate
* Epididymis		Mesothelioma Malignant	
* Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99098

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-1]		
* Prostate	Inflammation	Chronic, Minimal
* Spleen	Leukemia Mononuclear	
* Stomach, Glandular	Leukemia Mononuclear	
* Thymus	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic, Focal, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 6-23]			
[Inflammation TGLS = 7-24.1]			
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Nose	Olfactory Epi	Carcinoma	

Note: Carcinoma of olfactory epithelium mainly involves septum of nose, and is on slide 9-1

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99099

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 9-3]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 8-22]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-3]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
	Pars Distalis	Hypertrophy	Focal, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99244

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 4-3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 635
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 97736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Intestine Large, Colon
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Spleen
* Stomach, Glandular	* Thyroid Gland		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Leukemia Mononuclear	
	Alveolus	Proteinosis	Moderate
[Leukemia Mononuclear TGLS = 4-2]			
* Prostate		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Lung Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Basal Cell Carcinoma	Metastatic (Skin)
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Basal Cell Carcinoma TGLS = 7-6, 7-23, 7-23-1, 8-6, 8-6-1]			
* Lung		Basal Cell Carcinoma	Metastatic (Skin)
		Leukemia Mononuclear	
[Basal Cell Carcinoma TGLS = 9-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 717
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98693

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Basal Cell Carcinoma	Metastatic (Skin)
Note: Metastatic lesion of basal cell carcinoma is in splenic mesentery near hilus of spleen, in slide 6.			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Leukemia Mononuclear	
* Skin		Basal Cell Carcinoma	
	Subcut Tiss	Fibroma	
[Basal Cell Carcinoma TGLS = 1-21, 1-21-1]			
[Fibroma TGLS = 2-22]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Skin	Basal Cell Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver	Basal Cell Carcinoma	Skin;Liver	Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adren Medulla			
Note: Focus of sympathetic ganglion cells and supporting nerve fibers in one adrenal medulla is considered to be within histologically normal limits.			
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-6]			
[Vacuolization Cytoplasmic TGLS = 6-21]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland		Cyst	
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99245

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-24]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Mild
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 2-6]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6,10-23]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99247

ORGAN AND ACCOUNTABLE SITE STATUS

[Accessory Spleen TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 7-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Histiocytic, Focal, Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 4-6]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99248

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 3-21]			
[Leukemia Mononuclear TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Epididymis		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	
	Follicle	Degeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
Note: Islet cell adenoma is on slide 5.			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 4-6]			
* Pancreas		Angiectasis	Moderate
	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
	Pars Distalis	Hypertrophy	Focal, Moderate
[Adenoma TGLS = 2-1, 3-1]			
[Angiectasis TGLS = 3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99250

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Oral Mucosa		Hyperplasia	Squamous, Focal, Mild
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99251

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Hyperplasia	Histiocytic, Focal, Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Focal, Minimal
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1-21]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
Peritoneum	Tunica Vaginal	Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99252

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-22]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99100

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-5]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-21, 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Hyperplasia	Lymphoid, Focal, Mild
Note: Lymphoid hyperplasia is on slide 44.			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99101

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-1]			
[Leukemia Mononuclear TGLS = 7-1]			
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Hemorrhage	Focal, Mild
		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-2]			
[Leukemia Mononuclear TGLS = 5-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96039

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate	Epithelium	Hyperplasia	Focal, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Trachea		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow

OBSERVATIONS

* Adrenal Cortex		Necrosis	Mild
* Harderian Gland		Inflammation	Moderate
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 6-21]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98694

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-7-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5-1]			
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Angiectasis	Moderate
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
		Ulcer	Moderate
[Leukemia Mononuclear TGLS = 10-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8-1]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 4-6, 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99103

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Mild
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Prostate		Inflammation	Chronic, Mild
* Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99253

ORGAN AND ACCOUNTABLE SITE STATUS

[Basal Cell Adenoma TGLS = 1-21]		
* Spleen		Leukemia Mononuclear
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 3-7]		
* Thymus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 531
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Infiltration Cellular	Mixed Cell, Mild
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Skin		Cyst Epithelial Inclusion	Mild
[Cyst Epithelial Inclusion TGLS = 2-21]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 531
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96040

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 5-23]			
PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 622
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Infarct	Moderate
		Nephropathy	Moderate
[Infarct TGLS = 3-5]			
* Liver		Degeneration	Cystic, Focal, Mild
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
Lymph Node	Pancreatic	Fibrosis	Moderate
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 622
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97730

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Jejunum	* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-1, 11-1]			
* Heart		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Congestion	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98256

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-7]			
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
Spinal Cord		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Minimal
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-6]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-21, 5-22]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99144

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 7-21]			
[Leukemia Mononuclear TGLS = 6-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98145

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Mild
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Eye			
Note: Lens of one eye is missing.			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-3]			
* Nose		Foreign Body	Mild
	Nasolacrim Dct	Inflammation	Mild
		Inflammation	Suppurative, Moderate
* Pituitary Gland		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99145

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Hyperplasia	Focal, Minimal
* Thyroid Gland		Chemodectoma Benign	
	C Cell	Hyperplasia	Minimal

Note: C-cell adenoma is unusual by location within fibrous capsule adjacent to thyroid gland. The adenoma is enveloping a nerve.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 384
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 94542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Focal, Mild
		Histiocytosis	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Mixed Cell, Mild
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hypertrophy	Focal, Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Hyperplasia	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-10]			
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
[Histiocytosis TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
[Ectasia TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99059

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-3]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Prostate		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6, 3-6]			
[Fatty Change TGLS = 2-6, 3-6]			
[Mixed Cell Focus TGLS = 2-6, 3-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99060

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Cytoplasmic Alteration	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 5-6]			
[Fatty Change TGLS = 5-6]			
[Histiocytosis TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-23]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99061

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hypertrophy	Focal, Marked
* Prostate		Inflammation	Chronic, Mild
* Skin		Inflammation	Focal, Minimal
[Inflammation TGLS = 1-21]			
* Spleen		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 4-22]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 8-25]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 7-24]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Mild
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-6, 4-22]			
[Mixed Cell Focus TGLS = 4-6, 4-22]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild
* Spleen		Inflammation	Granulomatous, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99146

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
[Hyperplasia TGLS = 5-23]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 6-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Cyst	
		Fibrosis	Focal, Moderate
		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99147

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 8-1]			
* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibrosis	Focal, Mild
[Fibrosis TGLS = 1-21]			
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	
[Accessory Spleen TGLS = 4-23]			
[Leukemia Mononuclear TGLS = 5-22]			
* Stomach, Glandular		Cyst	Mild
[Cyst TGLS = 9-24]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Nose	Nasolacrim Dct	Inflammation	Minimal
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Moderate
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99148

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
* Heart		Thrombosis	Mild
* Intestine Large, Cecum		Edema	Moderate
		Leukemia Mononuclear	
[Edema TGLS = 9-23]			
[Leukemia Mononuclear TGLS = 9-23]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Histiocytosis TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Histiocytic, Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99149

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 5-22]			
[Leukemia Mononuclear TGLS = 10-3]			
[Leukemia Mononuclear TGLS = 5-22]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 8-5]			
[Leukemia Mononuclear TGLS = 8-5]			
Mesentery		Leukemia Mononuclear	
	Artery	Thrombosis	Moderate
* Pancreas	Acinus	Atrophy	Focal, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-6]			
[Fatty Change TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
Lymph Node	Mediastinal	Ectasia	Moderate
	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Ectasia TGLS = 6-3]			
[Hyperplasia TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99150

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-5]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Harderian Gland
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-1]			
[Leukemia Mononuclear TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Degeneration	Cystic, Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97731

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild
* Spleen		Infarct	Moderate
		Leukemia Mononuclear	
[Infarct TGLS = 2-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 7-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Thrombosis	Marked
[Thrombosis TGLS = 8-5]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Infarct	Mild
		Nephropathy	Mild
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Inflammation	Focal, Minimal
[Inflammation TGLS = 9-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98708

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach		Diverticulum	Mild
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 11-21]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Heart Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 369
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 94543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Pituitary Gland

OBSERVATIONS

* Brain		Glioma Malignant	
[Glioma Malignant TGLS = 2-1]			
* Eye	Antr Chamber	Exudate	Mild
[Exudate TGLS = 1-44]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Mixed Cell, Mild

PRIMARY CAUSE OF DEATH - Brain Glioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Pancreas	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-1]			
[Leukemia Mononuclear TGLS = 4-1]			
* Harderian Gland		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Histiocytosis	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97611

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-6]		
* Testes	Interstit Cell	Adenoma
[Adenoma TGLS = 1-7-2]		
* Thymus		Leukemia Mononuclear
Tissue NOS	Mediastinum	Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
[Histiocytosis TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Mild
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99151

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
Note: Islet cell adenoma is on slide 4.			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 5-6]			
[Fatty Change TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-22]			
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99152

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 670
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Harderian Gland
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Trachea		

MISSING

* Lymph Node, Mandibular	* Preputial Gland

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-1, 10-23]			
* Epididymis		Granuloma Sperm	Moderate
		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Granuloma Sperm TGLS = 13-24]			
[Hemorrhage TGLS = 13-24]			
[Leukemia Mononuclear TGLS = 13-24]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 8-6, 14-25]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 670
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98212

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-7]			
[Leukemia Mononuclear TGLS = 9-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibrosis	Moderate
[Fibrosis TGLS = 1-8]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Focal, Moderate
[Leukemia Mononuclear TGLS = 3-21]			
[Necrosis TGLS = 3-21]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 12-4]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 11-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Fatty Change TGLS = 3-6]			
[Histiocytosis TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-3]			
* Mammary Gland		Dilatation	Marked
[Dilatation TGLS = 2-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Preputial Gland		Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99153

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99154

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Moderate
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-6]			
[Degeneration TGLS = 3-21]			
[Histiocytosis TGLS = 2-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99155

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus

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* Intestine Small, Ileum	* Intestine Small, Jejunum	* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
* Kidney		Leukemia Mononuclear	
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-22]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8, 2-8]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97612

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-6]			
* Testes		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Focal, Mild
[Atrophy TGLS = 5-7]			
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Mild
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Histiocytic, Focal, Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 2-6]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 3-6]			
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Moderate
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 4-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99157

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Lipoma	
[Lipoma TGLS = 1-21]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Mild
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99158

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Brain		Compression	Focal, Mild
[Compression TGLS = 1-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7, 9-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-22]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99159

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 10-1]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	
[Accessory Spleen TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 5-6]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Mesothelioma Malignant	
* Eye		Cataract	Mild
	Antr Chamber	Exudate	Moderate
[Cataract TGLS = 12-44]			
[Exudate TGLS = 12-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-6, 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98146

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 1-21]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
Peritoneum	Tunica Vaginal	Mesothelioma Malignant	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	

MISSING

* Lymph Node, Mandibular

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* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Spleen	* Thyroid Gland

OBSERVATIONS

Coagulating Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 2-7]			
* Heart		Cardiomyopathy	Mild
* Kidney	Pelvis	Dilatation	Moderate
		Nephropathy	Minimal
[Dilatation TGLS = 7-5]			
Larynx			
Note: Many cells in the foci of hyperplastic histiocytes show autolytic changes, especially vacuolization of nuclei and vacuolar degeneration of cytoplasm.			
* Liver		Basophilic Focus	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Congestion	Moderate
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 8-3]			
* Pancreas		Inflammation	Chronic, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98147

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Prostate shows hemorrhage, which is not an available term in LDAS menu of terms.			
[Inflammation TGLS = 4-7-1]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 5-7]			
* Stomach, Forestomach		Inflammation	Minimal
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 9-21]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
Urethra	Muscularis	Inflammation	Chronic, Moderate
Note: Sample of urethra, slide 22, is through the urethral bulb. Urethral lumen is distended, and blocked by cellular debris, proteinaceous matter, and blood cells.			
[Inflammation TGLS = 6-22]			
* Urinary Bladder		Hemorrhage	Marked
		Inflammation	Moderate
[Hemorrhage TGLS = 3-8]			
[Inflammation TGLS = 3-8]			
PRIMARY CAUSE OF DEATH	- Urethra Muscularis Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Harderian Gl			
Note: Harderian gland shows unusual dilatation of acini in one lobule, but menu of LDAS terms does not permit diagnosis. No impact on quality of study.			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
		Hyperplasia	Histiocytic, Focal, Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 653
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98148

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Mild
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Fatty Change TGLS = 3-6]			
[Histiocytosis TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Spleen			
Note: TGL 2-21: Spleen is slightly deformed in shape, but is otherwise within normal limits. No term available in TDMS menu to diagnose mere deformity.			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99062

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-22]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Minimal
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Histiocytosis TGLS = 5-6]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
[Hemorrhage TGLS = 6-3]			
[Leukemia Mononuclear TGLS = 6-3]			
* Pancreas	Acinus	Atrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99063

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 7-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Fatty Change TGLS = 2-6]			
[Histiocytosis TGLS = 2-6]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99064

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Eye		Cataract	Mild
[Cataract TGLS = 6-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Fatty Change TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-22, 4-23]			
[Mixed Cell Focus TGLS = 5-6]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21]			
* Pancreas	Acinus	Atrophy	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99065

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Histiocytosis TGLS = 4-6]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 5-5]			
* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97732

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Fatty Change TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
[Inflammation TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Prostate		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Atrophy TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99160

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 622
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Histiocytic Sarcoma	
		Leukemia Mononuclear	
		Nephropathy	Moderate
[Nephropathy TGLS = 4-5, 5-5-1]			
* Liver		Histiocytic Sarcoma	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Histiocytic Sarcoma TGLS = 6-6]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 622
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97733

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-21]			
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Hyperplasia	Focal, Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Liver	Histiocytic Sarcoma

Animal Note: There were two distinct populations of systemic neoplastic cells, including cell s of leukemia and cells of histiocytic sarcoma.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 2-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Histiocytosis TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99066

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Moderate
* Parathyroid Gland		Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Fatty Change TGLS = 2-6]			
[Histiocytosis TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99067

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Histiocytic, Focal, Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Histiocytosis TGLS = 3-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Chordoma	Metastatic (Uncertain Primary Site)
[Chordoma TGLS = 6-2, 6-22]			
* Pancreas	Acinus	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99068

ORGAN AND ACCOUNTABLE SITE STATUS

	Acinus	Atrophy	Focal, Minimal
* Parathyroid Gland		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Prostate		Inflammation	Chronic, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Harderian Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-12]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Prostate		Inflammation	Chronic, Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99087

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	Follicle	Mineralization	Minimal
Tissue NOS		Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 2-8]			
Mesentery		Inflammation	Chronic, Moderate
		Lymphoma Malignant	
[Inflammation TGLS = 5-6, 5-21]			
[Lymphoma Malignant TGLS = 5-21]			
* Nose	Nasolacrim Dct	Inflammation	Moderate
* Pancreas		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98213

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Stomach, Forestomach		Inflammation	Moderate
		Lymphoma Malignant	
[Inflammation TGLS = 12-4]			
[Lymphoma Malignant TGLS = 12-4]			
* Stomach, Glandular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 11-7]			
Tissue NOS	Mediastinum	Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Pancreas Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Ectasia TGLS = 5-22]			
[Hyperplasia TGLS = 5-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99088

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Fatty Change TGLS = 2-6]			
[Histiocytosis TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99161

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	
	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
[Fatty Change TGLS = 3-6]			
[Histiocytosis TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Pancreas	Acinus	Adenoma	
	Duct	Cyst	Focal, Multiple, Mild
[Adenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99162

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Thrombosis	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Infarct	Mild
		Nephropathy	Minimal
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Pancreas	Acinus	Atrophy	Focal, Marked
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98214

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Infarct	Moderate
		Leukemia Mononuclear	
[Infarct TGLS = 2-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
[Ulcer TGLS = 7-22]			
* Stomach, Glandular		Erosion	Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

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* Eye	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Minimal
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Infarct	Mild
[Infarct TGLS = 9-5]			
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-21]			
* Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98657

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 7-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 4-6]			
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-3]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Skin		Cyst Epithelial Inclusion	Moderate
[Cyst Epithelial Inclusion TGLS = 3-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99089

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Angiectasis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
[Dilatation TGLS = 2-8, 3-21]			
[Fibroadenoma TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Minimal
[Degeneration TGLS = 6-1]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 4-22]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Clitoral Gland		Hyperplasia	Cystic, Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Pituitary Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 5-22]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
* Mammary Gland		Fibroadenoma	
		Fibrosis	Moderate
[Fibroadenoma TGLS = 2-21]			
[Fibrosis TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 6-23]			
* Thymus		Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99136

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Ectasia	Marked
[Ectasia TGLS = 5-3]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
Mesentery		Fibrosarcoma	
	Fat	Necrosis	Focal, Moderate
[Fibrosarcoma TGLS = 2-21]			
[Necrosis TGLS = 2-21, 3-22]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99137

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-3]			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
[Dilatation TGLS = 1-8, 2-21]			
[Fibroadenoma TGLS = 2-21]			
* Ovary		Cyst	
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99138

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Kidney	Pelvis	Dilatation	Moderate
		Nephropathy	Minimal
	Pelvis, Transit Epithe	Papilloma	
[Dilatation TGLS = 2-5-1]			
[Papilloma TGLS = 6-5, 6-5.1]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Note: Bile duct hyperplasia is present on slide 22.			
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 10-2]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Carcinoma TGLS = 8-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99139

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-7]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 9-5]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 4-3-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 10-5]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	Multiple
[Dilatation TGLS = 1-8, 2-21, 3-22, 4-23]			
[Fibroadenoma TGLS = 2-21, 3-22, 4-23]			
* Ovary		Cyst	
[Cyst TGLS = 5-7.1]			
* Pancreas	Acinus	Atrophy	Diffuse, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99140

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-5]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
[Dilatation TGLS = 1-21]			
[Fibroadenoma TGLS = 1-21]			
* Ovary		Cyst	
[Cyst TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 8-9]			
* Bone Marrow		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 8-9]			
* Brain		Compression	Focal, Moderate
[Compression TGLS = 6-1]			
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 3-8]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
[Basophilic Focus TGLS = 9-6, 9-24]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Dilatation TGLS = 2-8]			
[Fibroadenoma TGLS = 5-23]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-22]			
* Ovary		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99181

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Adenoma	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-22]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Minimal
		Histiocytosis	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 7-2-1]			
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 9-7]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 10-5]			
* Mammary Gland		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99142

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Moderate
[Dilatation TGLS = 1-8, 2-21]			
[Hyperplasia TGLS = 1-8, 2-21]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Moderate
[Degeneration TGLS = 8-1]			
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	
[Accessory Spleen TGLS = 4-23]			
* Thymus	Epithel Cell	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-3]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Brain		Compression	Focal, Minimal
[Compression TGLS = 4-1]			
* Clitoral Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 7-6-1]			
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Ectasia TGLS = 3-3]			
[Hyperplasia TGLS = 3-3]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 6-5]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99143

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 4-1]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
[Dilatation TGLS = 1-8, 2-21]			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 8-24]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 6-25]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	Multiple
[Dilatation TGLS = 1-21, 3-8]			
[Fibroadenoma TGLS = 1-21, 2-22]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 7-23]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99184

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Ectasia	Moderate
[Ectasia TGLS = 4-3]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Minimal
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99185

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

PRESENT BUT NOT EXAMINED

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Eye		Cataract	Mild
	Retina	Degeneration	Moderate
		Synechia	Moderate
[Synechia TGLS = 5-44]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99186

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Polyp Stromal TGLS = 3-7]	Endometrium	Polyp Stromal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
	Epicardium	Inflammation	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Hyperplasia	Focal, Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Necrosis TGLS = 4-6]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 7-3]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99345

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 8-23]		
* Thymus		
Note: No tissue of thymus was identifiable microscopically. See TGL 6-22.		
Tissue NOS	Mediastinum	Schwannoma Malignant
[Schwannoma Malignant TGLS = 6-22]		
* Uterus	Endometrium	Polyp Stromal
[Polyp Stromal TGLS = 3-7]		
PRIMARY CAUSE OF DEATH	- Tissue NOS Mediastinum Schwannoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 624
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 97739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-22]			
* Harderian Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Histiocytosis	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
[Dilatation TGLS = 6-8, 6-21]			
[Fibroadenoma TGLS = 1-21, 4-23]			
* Ovary		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 624
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 97739

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Leukemia Mononuclear
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 5-6]	
* Thymus	Leukemia Mononuclear
* Uterus	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 98661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Eye	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	Lymph Node	* Lymph Node, Mesenteric
* Thyroid Gland	* Urinary Bladder		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Focal, Moderate
[Compression TGLS = 10-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-23]			
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node			
Note: Mediastinal lymph node is autolyzed.			
* Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 98661

ORGAN AND ACCOUNTABLE SITE STATUS

		Dilatation	Moderate
		Fibroadenoma	
		Hyperplasia	Moderate
Note: Hyperplastic mammary gland is on slide 23			
[Carcinoma TGLS = 2-21]			
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
Mesentery		Inflammation	Chronic, Moderate
	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 5-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Uterus	Cervix	Hypertrophy	Moderate
		Inflammation	Granulomatous, Chronic, Moderate
Note: TGL 4, on slide 7, is an inflammatory response to foreign matter in the uterus, possibly bedding or other.			
[Hypertrophy TGLS = 12-7]			
[Inflammation TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL 9 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Salivary Glands	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 14-25]			
[Leukemia Mononuclear TGLS = 14-25]			
* Clitoral Gland		Adenoma	
		Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	
[Adenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 10-6]			
[Vacuolization Cytoplasmic TGLS = 10-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99189

ORGAN AND ACCOUNTABLE SITE STATUS

	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Histiocytic Sarcoma TGLS = 8-7]			
[Leukemia Mononuclear TGLS = 12-24]			
[Leukemia Mononuclear TGLS = 8-7]			
[Leukemia Mononuclear TGLS = 11-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Dilatation TGLS = 13-8]			
[Fibroadenoma TGLS = 3-22]			
* Ovary		Histiocytic Sarcoma	
		Leukemia Mononuclear	
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-23, 5-26]			
* Stomach, Forestomach		Edema	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-27]			
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 6-7]			
[Leukemia Mononuclear TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99189

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 7-7]			
[Hyperplasia TGLS = 6-3]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Ovary		Cyst	
[Cyst TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 5-1]			
[Hyperplasia TGLS = 5-1]			
* Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 3-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99228

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
Tissue NOS	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Thyroid Gland			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-21]			
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Necrosis	Focal, Mild
Note: Occasional foci of small clear cells with small nuclei, among hepatocytes, are interpreted as degenerate histiocytes.			
* Lung		Infiltration Cellular	Mixed Cell, Mild
Lymph Node	Pancreatic	Hyperplasia	Plasma Cell, Moderate
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	Multiple
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 3-22, 4-23, 5-24, 6-25]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 14-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99346

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 7-6]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 15-4]			
Tooth	Peridont Tiss	Inflammation	Marked
Note: Likely origin of TGL 13 in peridontal tissue is evident on slide 9-1.			
[Inflammation TGLS = 13-9-1, 13-26]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Sarcoma Stromal	
[Sarcoma Stromal TGLS = 11-27, 11-28, 12-7]			

PRIMARY CAUSE OF DEATH	- Uterus Endometrium Sarcoma Stromal
CONTRIBUTORY CAUSE OF DEATH	- Tooth Peridont Tiss Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Infiltration Cellular	Mixed Cell, Mild
[Infiltration Cellular TGLS = 7-2]			
Lymph Node	Deep Cervical	Hemorrhage	Moderate
[Hemorrhage TGLS = 6-22]			
* Mammary Gland		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99233

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 9-6]			
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Moderate
Tissue NOS	Mediastinum	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 5-7-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Nose	Nasolacrim Dct	Inflammation	Moderate
[Inflammation TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Moderate
[Degeneration TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99191

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99192

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 1-8, 1-8-1, 5-8-1]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
[Adenoma TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 2-8]			
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hypertrophy	Focal, Moderate
[Angiectasis TGLS = 3-1]			
[Hypertrophy TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum
* Intestine Small, Jejunum

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 4-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Congestion	Moderate
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
[Congestion TGLS = 6-6]			
* Lung		Congestion	Mild
		Inflammation	Chronic, Focal, Mild
[Congestion TGLS = 3-2]			
[Inflammation TGLS = 7-22]			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 99347

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
[Schwannoma Benign TGLS = 2-5, 2-21]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland		Angiectasis	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-8]			
* Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 7-44]			
[Degeneration TGLS = 7-44]			
* Harderian Gland		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 6-24]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
		Hyperplasia	Moderate
[Dilatation TGLS = 2-8, 4-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99195

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 4-22]			
[Hyperplasia TGLS = 1-21, 2-8]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 5-23]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Degeneration	Cystic, Mild
		Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Ovary		Cyst	
Note: Cyst is dilatation of ovarian bursa.			
[Cyst TGLS = 1-7-1]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 2-7-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99234

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 6-44]			
[Degeneration TGLS = 6-44]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 4-21]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99196

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 667
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
Vagina			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 667
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98216

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 302
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 94171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Polyp Stromal	
Note: Prolapsed uterine polyp (TGL 3-7) shows superficial inflammation caused by adherent foreign matter.			
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Uterus Endometrium Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-6]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
	Pars Distalis	Degeneration	Cystic, Focal, Mild
	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99197

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
		Hyperplasia	Mild
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-22]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99198

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Brain		Compression	Focal, Mild
[Compression TGLS = 9-1]			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-22]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Fibrosis	Focal, Moderate
		Hematopoietic Cell Proliferation	Moderate
[Fibrosis TGLS = 3-23]			
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thymus		Cyst	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99199

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
[Adenoma TGLS = 2-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Brain		Compression	Focal, Marked
[Compression TGLS = 5-1]			
* Clitoral Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-8]			
* Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 7-44]			
[Degeneration TGLS = 7-44]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 8-7]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99201

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Carcinoma	
		Dilatation	Moderate
[Carcinoma TGLS = 3-21]			
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1-1]			
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	
MISSING			
* Adrenal Medulla	* Lymph Node, Mandibular		
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 5-7]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
[Dilatation TGLS = 2-8, 3-22]			
[Fibroadenoma TGLS = 3-22]			
* Skin		Ulcer	Mild
[Ulcer TGLS = 1-21]			
* Thymus		Cyst	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 8-1, 8-1-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 7-3]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 3-8]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1, 9-1-1]			
* Spleen		Accessory Spleen	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98698

ORGAN AND ACCOUNTABLE SITE STATUS

[Accessory Spleen TGLS = 5-22]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 16
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 00-88295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Adrenal Medulla		Angiectasis	Mild
* Heart		Cardiomyopathy	Mild
	Myocardium	Fibrosis	Focal, Mild
	Pericardium	Infiltration Cellular	Mixed Cell, Minimal

Note: Heart lesion described as infarct (necrosis with fibrosis) is different from scattered loss of viable cardiac muscle fibers that is typical of cardiomyopathy.
Note: Focal necrosis with fibrosis (myocardial infarct) could have caused cardiac malfunction, passive congestion, centrilobular liver necrosis, edema, chylothorax.
Note: Pericardium of heart (TGL 5-5) showed mild edema, but "edema" is not an available diagnostic term for pericardium, in TDMS menu of terms.

* Liver		Congestion	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate

Note: Hepatocyte vacuoles are small, numerous within the typical cell, and are of round shape typical of fatty change.

* Lung	Interstitium	Edema	Mild
	Mediastinum	Edema	Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Mild
	Mediastinal	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 16
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 00-88295

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 4-3-1]			
[Hemorrhage TGLS = 1-7]			
[Pigmentation TGLS = 4-3-1]			
[Pigmentation TGLS = 1-7]			
* Saliv Glands			
Note: Salivary gland, a subcut tissue, showed edema, a lesion not in TDMS terms for salivary gl. Diagnosis therefore listed under skin/subcut tissue, instead.			
Note: To successfully mark data complete for Rat 245, had to flag salivary gland as N, normal.			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 2-8]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS	Mediastinum	Infiltration Cellular	Mixed Cell, Minimal

PRIMARY CAUSE OF DEATH	- Heart Myocardium Fibrosis
CONTRIBUTORY CAUSE OF DEATH	- Liver Centrilobular Hepatocyte Necrosis

Animal Note: Wrights-stained smear of milky thoracic fluid (chylothorax) showed sparse conten t of RBCs plus lymphocytes, in ratio of about 7:1. The fluid contained bacteria.
Animal Note: Granulocytes were rare in the smear of thoracic fluid (see other Animal Note), a n indication that the fluid was mainly edematous and not of inflammatory origin.
Animal Note: Abundant opaque white fluid was present in thoracic cavity at necropsy.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Histiocytic, Mild
[Hemorrhage TGLS = 6-24]			
[Hyperplasia TGLS = 5-7]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	Multiple
[Dilatation TGLS = 2-22]			
[Fibroadenoma TGLS = 1-21, 2-22]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 3-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99203

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Angiectasis	Moderate
[Angiectasis TGLS = 4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 7-25]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-22]			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99204

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 498
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
Spinal Cord	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Intestine Large, Cecum		Edema	Moderate
* Intestine Large, Colon		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Marked
		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
	Bile Duct	Hyperplasia	Mild
[Histiocytic Sarcoma TGLS = 4-6]			
* Lung		Hemorrhage	Focal, Moderate
		Histiocytic Sarcoma	Metastatic (Uncertain Primary Site)
[Histiocytic Sarcoma TGLS = 6-2]			
Lymph Node	Pancreatic	Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
Mesentery		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-23]			
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Moderate
[Adenoma TGLS = 7-1]			
* Skin	Subcut Tiss	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 498
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96047

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 1-21, 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
* Stomach, Forestomach		Ulcer	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 2-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS		Fibrosis	Focal, Mild
Note: Lesion of focal fibrosis, which is on slide 3, is a fibrosiderotic nodule enveloping a focus of fat necrosis. Exact site of lesion cannot be determined.			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99205

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 3-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Angiectasis	Mild
[Angiectasis TGLS = 5-10]			
* Brain		Compression	Focal, Moderate
[Compression TGLS = 2-1]			
* Clitoral Gl			
Note: One clitoral gland is missing.			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99206

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Mild
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Spleen		Stromal Hyperplasia	Moderate
[Stromal Hyperplasia TGLS = 2-21]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 4-22]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6, 2-21]			
* Lung		Inflammation	Chronic, Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Spleen

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Bilateral, Renal Tubule	Adenoma	
		Nephropathy	Minimal
[Adenoma TGLS = 1-21]			
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Salivary Glands		Inflammation	Chronic, Marked
Note: Lesion, which affects a minor salivary gland, is on slide 9-1.			
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99307

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 4-22]			
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Inflammation TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 6-2-1, 7-2, 8-2-2]			
* Skin	Subcut Tiss	Edema	Mild
[Edema TGLS = 1-21]			

PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 421
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 94544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Congestion	Moderate
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Focal, Minimal
* Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 463
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 94545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Clitoral Gland	* Esophagus	* Harderian Gland
* 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	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-1]			
[Leukemia Mononuclear TGLS = 7-1]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Histiocytosis	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 5-3]			
[Leukemia Mononuclear TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 463
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 94545

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-5]		
Mesentery		Leukemia Mononuclear
* Ovary		Leukemia Mononuclear
* Pancreas		Leukemia Mononuclear
* Pituitary Gland		Leukemia Mononuclear
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-6]		
* Thymus		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 5-3]		
Tissue NOS	Mediastinum	Leukemia Mononuclear
* Uterus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 6-3]			
* Mammary Gland		Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-21]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98153

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Marked
[Dilatation TGLS = 1-8, 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 2-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Congestion	Minimal
		Inflammation	Chronic, Focal, Minimal
[Congestion TGLS = 5-2]			
* Pituitary Gland		Angiectasis	Moderate
		Cyst	
[Angiectasis TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Eye	Retina	Degeneration	Moderate
	Antr Chamber	Exudate	Moderate
[Degeneration TGLS = 3-44]			
[Exudate TGLS = 3-44]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Nasolacrim Dct	Inflammation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Mixed Tumor Benign	
Note: Mixed Tumor Benign is on slide 4.			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland		Angiectasis	Mild
		Cyst	
	Pars Distalis	Degeneration	Cystic, Focal, Mild
[Angiectasis TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99312

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone Marrow		Hyperplasia	Histiocytic, Focal, Mild
		Leukemia Mononuclear	
* Harderian Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99313

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 636
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 97746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
* Lung		Congestion	Mild
* Mammary Gland		Dilatation	Moderate
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Mild
Zymbal's Gland		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 636
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 97746

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Zymbals gland cyst is an epithelial inclusion cyst.
[Cyst TGLS = 7-23]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-5]			
* Nose		Foreign Body	Minimal
		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland		Angiectasis	Mild
[Angiectasis TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99314

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Eye	Lids	Neural Crest Tumor	
Note: TGL 4-21 affects eyelid and tumor is malignant.			
[Neural Crest Tumor TGLS = 4-21]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Focal, Minimal
* Nose	Nasolacrim Dct	Inflammation	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99316

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Moderate
* Brain		Carcinoma	Metastatic (Pituitary Gland)
Note: Pituitary gland tumor (TGL 5-1) shows invasion of brain.			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic, Focal, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99317

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 4-7]	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 96053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric	* Pancreas
* Thyroid Gland			

OBSERVATIONS

* Heart	Epicardium	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Cardiomyopathy	Mild
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: Lung alveolar-bronchiolar carcinoma and its metastatic lesions show considerable squamous metaplasia with keratinization.			
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
Skeletal Muscle		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 1-21, 3-22, 3-22-1]			
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]			
Tissue NOS	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3, 4-23]			

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-23]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Focal, Mild
[Hyperplasia TGLS = 6-22]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-21, 3-8]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99318

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Vacuolization Cytoplasmic	Focal, Minimal
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Congestion	Mild
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Congestion TGLS = 4-6]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Ovary		Granulosa-Theca Tumor Malignant	
[Granulosa-Theca Tumor Malignant TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99319

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Ectasia	Moderate
[Ectasia TGLS = 4-3]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	Multiple
[Dilatation TGLS = 1-8]			
[Fibroadenoma TGLS = 2-21, 3-22]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99320

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 434
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 94546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-1]			
[Leukemia Mononuclear TGLS = 9-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
[Leukemia Mononuclear TGLS = 7-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 434
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 94546

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 10-4]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Inflammation	Chronic, Minimal
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Focal, Moderate
[Atrophy TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Degeneration	Cystic, Focal, Mild
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 3-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99323

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-6]			
* Lung		Congestion	Moderate
		Inflammation	Chronic, Focal, Mild
[Congestion TGLS = 1-2]			
[Inflammation TGLS = 2-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland		Cyst	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99324

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain		Compression	Focal, Moderate
[Compression TGLS = 6-1]			
* Eye		Inflammation	Chronic, Marked
[Inflammation TGLS = 8-44]			
* Kidney		Mineralization	Focal, Mild
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Mild
[Dilatation TGLS = 2-8]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99325

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Edema	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Moderate
		Malformation	Mild
Note: Peridontal inflammation (on slide 9-1) is a reaction to impacted foreign matter (feed or bedding particles).			
[Malformation TGLS = 10-9]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
[Infiltration Cellular TGLS = 3-7]			
Zymbal's Gland		Carcinosarcoma	
[Carcinosarcoma TGLS = 5-21, 5-21-1, 9-23]			

PRIMARY CAUSE OF DEATH -

Animal Note: Blood in vessels of various tissues showed neutrophilia, undoubtedly associated with ulcerated Zymbals gland tumor

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
		Hyperplasia	Histiocytic, Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Cystic, Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-3]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-21]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
		Inflammation	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Nasolacrim Dct	Inflammation	Moderate
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Skin	Subcut Tiss	Fibrosis	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	Vagina		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Moderate
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Fibrosis	Moderate
* Heart		Cardiomyopathy	Moderate
		Inflammation	Suppurative, Focal, Mild
* Kidney		Infarct	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
[Infarct TGLS = 4-5]			
[Nephropathy TGLS = 4-5]			
* Liver		Congestion	Moderate
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Congestion TGLS = 6-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98219

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Mediastinum	Edema	Mild
		Leukemia Mononuclear	
[Edema TGLS = 7-3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 8-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Skin	Pinna	Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 11-22]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Thymus		Leukemia Mononuclear	
* Uterus	Endometrium	Polyp Stromal	
Note: Uterine stromal polyp (TGL 10-7) is necrotic and hemorrhagic.			
[Polyp Stromal TGLS = 10-7]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Mild
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-7]			
* Lymph Node, Mandibular		Ectasia	Moderate
Note: Mandibular lymph node is on slide 8.			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Cyst	
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 3-6]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
* Lung		Inflammation	Chronic, Focal, Mild
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
[Atrophy TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Degeneration	Cystic, Focal, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99329

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-22]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 3-21]			
* Pancreas	Duct	Cyst	Focal, Multiple, Moderate
[Cyst TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99330

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-21]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Marked
[Inflammation TGLS = 4-6]			
* Lung		Hyperplasia	Histiocytic, Focal, Mild
Mesentery	Fat	Necrosis	Focal, Minimal
[Necrosis TGLS = 3-22]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Skin		Ulcer	Moderate
[Ulcer TGLS = 5-23]			
* Spleen		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 1-21]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99332

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Moderate
[Vacuolization Cytoplasmic TGLS = 4-10]			
* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Eye	Cornea	Inflammation	Chronic, Marked
	Cornea	Necrosis	Focal, Marked
[Inflammation TGLS = 9-44]			
[Necrosis TGLS = 9-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99333

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 1-8, 3-21]			
[Fibroadenoma TGLS = 3-21]			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 6-22]			
* Ovary		Cyst	
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal
Tongue	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 11-24]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	Tongue	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
Mesentery		Leukemia Mononuclear	
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99334

ORGAN AND ACCOUNTABLE SITE STATUS

Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-21]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	Tongue	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 6-6]			
[Fatty Change TGLS = 6-6]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99335

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Harderian Gland	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Spleen	* Thyroid Gland	

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 8-1]			
* Heart		Cardiomyopathy	Mild
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Congestion	Mild
		Inflammation	Chronic, Focal, Minimal
[Congestion TGLS = 4-2]			
Lymph Node	Mediastinal	Congestion	Moderate
[Congestion TGLS = 3-3]			
* Mammary Gland		Carcinoma	
		Dilatation	Mild
[Carcinoma TGLS = 2-21]			
[Dilatation TGLS = 1-8]			
* Nose		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 1250 PPM	**DISP:** Natural Death	**HISTO:** 98707

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-4]			
* Stomach, Glandular		Ulcer	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Schwannoma Benign	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Nasolacrim Dct	Inflammation	Mild
[Inflammation TGLS = 3-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
[Eosinophilic Focus TGLS = 1-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose		Foreign Body	Mild
		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Focal, Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
		Inflammation	Chronic, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
[Inflammation TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
* Spleen		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: 1250 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Brain		Compression	Focal, Moderate
[Compression TGLS = 2-1]			
* Clitoral Gland		Hyperplasia	Cystic, Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Lym Node Mand			
Note: Mandibular lymph node is present on slide 8			
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-3]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Stomach, Forestomach		Ulcer	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Degeneration	Cystic, Focal, Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
Tongue	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Lymphoid, Moderate
* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Minimal
[Dilatation TGLS = 1-8]			
* Nose	Nasolacrim Dct	Inflammation	Mild
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99340

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 2-3]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
[Clear Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 6-22]			
* Mammary Gland		Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Moderate
[Cyst TGLS = 2-23]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[Angiectasis TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 5-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 1250 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99342

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

Note: Urinary bladder has discrete lesion of hyperplasia of urothelium. Lesion is detached from lining of bladder, which condition is attributed to artifact.
[Hyperplasia TGLS = 1-21, 2-21]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
Spinal Cord	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus	Vagina	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Thyroid Gland			

OBSERVATIONS

* Heart		Thrombosis	Moderate
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Focal, Minimal
	Centrilobular, Hepatocyte	Necrosis	Moderate
		Thrombosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-21]			
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 7-22]			
* Spleen		Atrophy	Moderate
* Stomach, Forestomach		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97743

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6-4-1]

PRIMARY CAUSE OF DEATH	- Liver Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Heart Thrombosis;Liver Hepatocyte Vacuolization Cytoplasmic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Vacuolization Cytoplasmic	Focal, Moderate
[Angiectasis TGLS = 5-22]			
[Vacuolization Cytoplasmic TGLS = 5-22]			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 6-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99270

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
	Pancreatic	Leukemia Mononuclear	
[Hyperplasia TGLS = 2-7]			
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Inflammation	Granulomatous, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 4-21]			
[Leukemia Mononuclear TGLS = 3-21]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Harderian Gland	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Focal, Moderate
		Hemorrhage	Focal, Minimal
[Compression TGLS = 8-1]			
* Eye		Cataract	Mild
	Cornea	Necrosis	Focal, Marked
[Necrosis TGLS = 10-44]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Fatty Change TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99272

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21, 3-8]			
Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 9-1]			
[Leukemia Mononuclear TGLS = 9-1]			
* Salivary Glands		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Leukemia Mononuclear	
[Fibroma TGLS = 2-22]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 6-6]			
[Inflammation TGLS = 6-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-3]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland		Angiectasis	Mild
		Cyst	
* Spleen		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 1-21, 2-22, 3-22]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99273

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
Tongue	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Eye		Atrophy	Moderate
[Atrophy TGLS = 1-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99274

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 383
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 94547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Jejunum	* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Liver	* Thyroid Gland	

OBSERVATIONS

* Lung		Congestion	Moderate
		Hemorrhage	Focal, Moderate
[Congestion TGLS = 2-2]			
[Hemorrhage TGLS = 2-2]			
* Thymus		Angiectasis	Mild
[Angiectasis TGLS = 3-3]			
Tooth		Malformation	
Note: Tooth deformity includes root of an upper incisor tooth. The nasal septum and bone lateral to the nasal cavity also are deformed.			
[Malformation TGLS = 4-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Tooth Malformation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Carcinoma	
		Cytoplasmic Alteration	Focal, Minimal
[Carcinoma TGLS = 2-21, 3-21]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 6-3]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 5-5]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99275

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Schwannoma Benign	Multiple
[Schwannoma Benign TGLS = 1-5, 1-22]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Skin	Epidermis	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-21]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99276

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 1-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Ovary		Cyst	
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Schwannoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Mammary Gland	* Nose
* Parathyroid Gland	Peripheral Nerve		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
Note: Focal hemorrhage of olfactory bulb of brain is present adjacent to nose section, on slide 9-1.			
[Hemorrhage TGLS = 5-1, 5-9-1]			
[Leukemia Mononuclear TGLS = 5-1]			
* Clitoral Gland		Leukemia Mononuclear	
* Harderian Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 98218

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear
* Ovary		Leukemia Mononuclear
* Pituitary Gland		Leukemia Mononuclear
* Salivary Glands		Leukemia Mononuclear
* Skin	Subcut Tiss	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-8]		
Spinal Cord		Leukemia Mononuclear
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-6]		
* Stomach, Forestomach		Leukemia Mononuclear
* Stomach, Glandular		Leukemia Mononuclear
* Thymus		Leukemia Mononuclear
Tissue NOS	Mediastinum	Leukemia Mononuclear
* Trachea		Leukemia Mononuclear
* Urinary Bladder		Leukemia Mononuclear
* Uterus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 555
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Eye	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Spleen	* Thyroid Gland
OBSERVATIONS			
* Liver		Basophilic Focus	
		Histiocytosis	Mild
		Inflammation	Chronic, Minimal
* Lung		Congestion	Moderate
		Hemorrhage	Focal, Moderate
		Inflammation	Chronic, Focal, Minimal
[Congestion TGLS = 1-2]			
[Hemorrhage TGLS = 1-2]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 581
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
Vagina			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Focal, Moderate
		Vacuolization Cytoplasmic	Focal, Moderate
[Hemorrhage TGLS = 4-10]			
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10]			
* Bone Marrow		Fibrosis	Moderate
* Kidney		Nephropathy	Mild
* Liver		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 6-3]			
[Hyperplasia TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 581
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96051

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
		Leukemia Mononuclear	
* Spleen		Fibrosis	Focal, Moderate
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Mild
		Inflammation	Moderate
		Ulcer	Mild
[Hyperplasia TGLS = 7-4, 7-22]			
[Ulcer TGLS = 7-22]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-21]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 578
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 96052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 7-21, 7-21.2]			
* Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-22]			
[Leukemia Mononuclear TGLS = 9-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 578
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 96052

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-7]		
* Lymph Node, Mesenteric		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 8-5-1]		
Mesentery		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 8-5-1]		
* Ovary		Leukemia Mononuclear
Oviduct		Leukemia Mononuclear
* Pancreas		Leukemia Mononuclear
* Pituitary Gland		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 11-1]		
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 5-6]		
* Stomach, Forestomach		Leukemia Mononuclear
* Stomach, Glandular		Leukemia Mononuclear
* Thymus		Leukemia Mononuclear
Tissue NOS	Mediastinum	Leukemia Mononuclear
* Urinary Bladder		Leukemia Mononuclear
* Uterus		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-7]		
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

Animal Note: TGL 6 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
	Serosa	Fibrosis	Mild
		Histiocytosis	Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 4-21]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99280

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 2-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Mild
[Dilatation TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 2-6, 2-21]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99281

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Histiocytosis TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Ovary		Cyst	
Note: Cyst is a dilated ovarian bursa.			
[Cyst TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99282

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen	Capsule	Infiltration Cellular	Mixed Cell, Focal, Mild
[Infiltration Cellular TGLS = 3-6]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	Mesentery
* Nose	* Ovary	* Pancreas	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

INSUFFICIENT TISSUE

* Heart

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Moderate
* Harderian Gland		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Cyst	Mild
		Nephropathy	Minimal
[Cyst TGLS = 3-22]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 7-6, 7-23]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hemorrhage TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99283

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 6-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 2-21]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
[Adenoma TGLS = 4-3]			
Tissue NOS		Neoplasm Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
[Schwannoma Benign TGLS = 8-25]			
* Kidney		Cyst	Moderate
		Infarct	Marked
		Nephropathy	Moderate
[Cyst TGLS = 3-23]			
[Infarct TGLS = 4-23]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Moderate
	Bile Duct	Dilatation	Focal, Moderate
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 10-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99284

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 5-24]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Salivary Glands		Atrophy	Focal, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-22]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 9-26]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6, 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-21]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99285

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Moderate
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-3]			
* Nose	Nasolacrim Dct	Inflammation	Mild
[Inflammation TGLS = 8-9-1, 8-23]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99286

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Carcinoma	
[Carcinoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 4-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 1-6]			
[Hepatodiaphragmatic Nodule TGLS = 1-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 3-8]			
* Nose	Nasolacrim Dct	Inflammation	Mild
[Inflammation TGLS = 8-22]			
* Ovary		Cyst	
[Cyst TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99287

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 636
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Heart	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Ovary
* Thyroid Gland	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
* Lung	Mediastinum	Congestion	Moderate
		Leukemia Mononuclear	
[Congestion TGLS = 4-3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
		Leukemia Mononuclear	
* Skin	Subcut Tiss	Necrosis	Fatty, Focal, Moderate
[Necrosis TGLS = 5-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 636
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97744

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-6]		
* Thymus		Leukemia Mononuclear
Tissue NOS	Mediastinum	Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Eye	Lids	Neural Crest Tumor	
Note: Eye tumor is malignant.			
[Neural Crest Tumor TGLS = 2-22]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-21]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Nasolacrim Dct	Inflammation	Mild
[Inflammation TGLS = 5-24]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99288

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Atrophy	Moderate
		Leukemia Mononuclear	
* Brain	Thalamus	Mineralization	Focal, Mild
* Heart		Leukemia Mononuclear	
* Islets, Pancreatic		Atrophy	Moderate
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98152

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Marked
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Skin	Subcut Tiss	Hemorrhage	Focal, Mild
		Inflammation	Focal, Mild
[Hemorrhage TGLS = 5-22]			
[Inflammation TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Harderian Gland	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Thymus

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Minimal
* Clitoral Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
[Thrombosis TGLS = 7-5]			
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97745

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Ulcer	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Brain		Compression	Focal, Moderate
[Compression TGLS = 6-1]			
* Harderian Gland		Hyperplasia	Histiocytic, Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-7]			
* Mammary Gland		Carcinoma	
		Dilatation	Minimal
[Carcinoma TGLS = 2-21]			
[Dilatation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99289

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Congestion	Moderate
		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 4-6]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
	Pars Distalis	Hypertrophy	Focal, Mild
[Degeneration TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* 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:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Compression	Focal, Moderate
[Compression TGLS = 3-1]			
* Eye		Atrophy	Moderate
[Atrophy TGLS = 2-44]			
* Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
[Schwannoma Benign TGLS = 6-5]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99291

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
[Angiectasis TGLS = 3-10]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 5-21]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 4-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99292

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[Hyperplasia TGLS = 1-7]			
[Polyp Stromal TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 1-7]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 2-6, 3-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 6-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99293

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Focal, Moderate
[Compression TGLS = 8-1]			
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 5-8]			
* Heart		Cardiomyopathy	Mild
	Artery	Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-3]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99294

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 99303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Clitoral Gland	* Esophagus	* Harderian Gland
* 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
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Leukemia Mononuclear	
[Angiectasis TGLS = 2-10]			
[Leukemia Mononuclear TGLS = 2-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 3-1]			
[Leukemia Mononuclear TGLS = 3-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 4-21]			
* Lung		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 99303

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Thymus		Leukemia Mononuclear	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98703

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Tissue NOS	Mediastinum	Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Histiocytic, Focal, Mild
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Marked
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
[Inflammation TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Degeneration	Cystic, Focal, Mild
[Degeneration TGLS = 3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99295

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-21]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 8-6, 8-22]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
[Hemorrhage TGLS = 2-7]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 3-5]			
* Spleen		Inflammation	Granulomatous, Mild
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99296

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Uterus	Vagina		

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Intestine Small, Jejunum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Osteosarcoma	Metastatic (Uncertain Primary Site)
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Osteosarcoma TGLS = 4-21]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
* Mammary Gland		Dilatation	Mild
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Atrophy	Mild
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Mild
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98662

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-4]			
[Ulcer TGLS = 5-4]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Moderate

Note: Inflammation and hemorrhage of urinary bladder is probable cause of death, although congestion, but not hemorrhage, could be seen in urinary bladder wall.

[Inflammation TGLS = 2-22]

PRIMARY CAUSE OF DEATH - Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Focal, Moderate
		Vacuolization Cytoplasmic	Focal, Moderate
[Hemorrhage TGLS = 1-10]			
[Vacuolization Cytoplasmic TGLS = 1-10]			
* Clitoral Gland		Hyperplasia	Histiocytic, Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen	Capsule	Infiltration Cellular	Mixed Cell, Focal, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99297

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Adrenal Medulla		Hyperplasia	Focal, Mild
* Brain		Compression	Focal, Moderate
[Compression TGLS = 4-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Dilatation	Focal, Mild
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Dilatation TGLS = 1-8, 2-21]			
[Fibroadenoma TGLS = 2-8, 2-21]			
* Pancreas	Acinus	Atrophy	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99298

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Skin			
Note: Skin samples are on slides 9 and 9-1, only.			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Rectum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Trachea	* Urinary Bladder
Vagina			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum	* Kidney	* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Liver		Histiocytosis	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 3-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Mammary Gland		Hyperplasia	Mild
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97615

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Leukemia Mononuclear	
Oviduct		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Angiectasis	Mild
* Skin	Subcut Tiss	Leukemia Mononuclear	
Spinal Cord	Dura	Leukemia Mononuclear	
Note: Leukemic infiltrate involves dura and epidural space, rather than spinal cord itself.			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Erosion	Moderate
		Leukemia Mononuclear	
[Erosion TGLS = 6-4]			
* Thymus		Leukemia Mononuclear	
Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	Tongue	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Cholangiocarcinoma	
		Eosinophilic Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
[Cholangiocarcinoma TGLS = 3-6, 4-22]			
[Inflammation TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Salivary Glands		Atrophy	Focal, Minimal
* Spleen		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 1-21]			
* Thyroid Gland	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Vacuolization Cytoplasmic	Focal, Moderate
* Eye		Atrophy	Marked
[Atrophy TGLS = 1-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Ovary		Cyst	
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 2-6]			
* Stomach, Forestomach		Diverticulum	
[Diverticulum TGLS = 4-21]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicle	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99300

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 552
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 97616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Pancreas	* Spleen	* Thyroid Gland	
OBSERVATIONS			
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Histiocytosis	Mild
		Inflammation	Chronic, Minimal
* Lung		Congestion	Moderate
[Congestion TGLS = 1-2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 7-6, 7-23]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-3]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland		Angiectasis	Mild
[Angiectasis TGLS = 6-1]			
* Spleen		Accessory Spleen	
Note: Accessory spleen is on slide 7.			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 2500 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98704

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth		Malformation	Mild
[Malformation TGLS = 3-22]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Ulcer	Marked
[Ulcer TGLS = 1-7-1]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 4-21]			

PRIMARY CAUSE OF DEATH - Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 104
	DOSE: 2500 PPM	**DISP:** Natural Death	**HISTO:** 00-88907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Mammary Gland	* Nose	* Pituitary Gland
* Salivary Glands	* Skin	* Trachea	
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		
AUTO PRECLUDES DIAG.			
* Bone Marrow	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Lung	Interstitium	Edema	Mild
	Mediastinum	Edema	Moderate
	Mediastinum	Mineralization	Focal, Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

Animal Note: Probable cause of death: hemothorax of unknown etiology.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Histiocytic, Focal, Mild
* Harderian Gland	Epithelium	Hyperplasia	Focal, Minimal
		Hyperplasia	Histiocytic, Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
Larynx		Carcinoma	Metastatic (Thyroid Gland)
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Marked
		Leukemia Mononuclear	
[Inflammation TGLS = 2-6]			
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-23]			
* Nose	Nasolacrim Dct	Inflammation	Mild
[Inflammation TGLS = 6-9, 6-9-1, 6-24]			
Skeletal Muscle		Carcinoma	Metastatic (Thyroid Gland)
[Carcinoma TGLS = 3-22]			
* Spleen		Inflammation	Granulomatous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 2500 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99302

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Inflammation TGLS = 1-6, 1-21]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 5-3]			
* Trachea		Carcinoma	Metastatic (Thyroid Gland)
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Eye		Atrophy	Moderate
[Atrophy TGLS = 10-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 5-5]			
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 7-21, 8-22]			
[Leukemia Mononuclear TGLS = 11-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99129

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-5]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hyperplasia	Focal, Mild
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 12-23]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Mammary Gland	* Nose	* Ovary
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Uterus		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Pancreas	* Parathyroid Gland	* Thyroid Gland
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Marked
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-22, 4-23]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-25]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98257

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Epidermis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 6-24]			
Spinal Cord	Dura	Leukemia Mononuclear	
Note: Abundant leukemic infiltrate involves the dura and epidural space, rather than the spinal cord itself.			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 8-4]			
Tissue NOS	Mediastinum	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-26]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 99207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Rectum	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Lymph Node, Mandibular			
AUTO PRECLUDES DIAG.			
* Bone Marrow	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	Lymph Node	* Lymph Node, Mesenteric	* Pancreas
* Spleen			
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
		Thrombosis	Moderate
[Thrombosis TGLS = 5-5]			
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
	Centrilobular, Hepatocyte	Necrosis	Marked
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node			
Note: TGL 3, involving mediastinal lymph node, is too autolyzed for reliable assessment.			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Heart Thrombosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Brain		Compression	Focal, Mild
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 7-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99130

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Salivary Glands		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 1-8]			
[Leukemia Mononuclear TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Infarct	Mild
		Leukemia Mononuclear	
		Nephropathy	Mild
[Infarct TGLS = 4-21]			
* Liver	Bile Duct	Dilatation	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal, Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7, 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Lymphatic	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99131

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
Note: Angiectasis of mesenteric lymphatics is near ovary, on slide 7.			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Spleen		Accessory Spleen	
		Leukemia Mononuclear	
Note: Accessory spleen is on slide 7, at surface of pancreas.			
[Leukemia Mononuclear TGLS = 2-6]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Eye		Atrophy	Marked
[Atrophy TGLS = 4-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Fatty Change TGLS = 1-6]			
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Hyperplasia	Histiocytic, Focal, Moderate
		Inflammation	Chronic, Focal, Minimal
* Lym Node Mand			
Note: Mandibular lymph node is present on slide 8.			
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99132

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6, 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99133

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Histiocytic, Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Histiocytosis TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-3]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-5]			
* Ovary		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99208

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 5-7]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain	Meninges	Hemorrhage	Focal, Moderate
Note: Brain hemorrhage (TGL 9-1), along with leukemic cells, involve only the meninges, not the brain parenchyma.			
[Hemorrhage TGLS = 9-1]			
* Heart		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 11-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2, 7-2-1, 8-2, 8-2-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96048

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 1-6]			
[Mixed Cell Focus TGLS = 1-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Eye	Cornea	Necrosis	Focal, Moderate
		Synechia	Moderate

Note: All observed eye abnormalities involve left eye. Changes suggest penetrating wound of left eye. Cornea shows puncture wound. Lens has been ruptured.
[Synechia TGLS = 1-44]

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	

[Clear Cell Focus TGLS = 2-6, 3-6]
[Histiocytosis TGLS = 2-6, 3-6]
[Mixed Cell Focus TGLS = 2-6, 3-6]

* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate

[Hemorrhage TGLS = 4-7]

* Pancreas	Acinus	Atrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99210

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	Vagina		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-8]			
* Eye	Retina	Degeneration	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Histiocytic, Focal, Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
* Pancreas	Acinus	Atrophy	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99211

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Brain	Thalamus	Mineralization	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Histiocytosis TGLS = 3-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Congestion	Mild
		Inflammation	Chronic, Focal, Mild
[Congestion TGLS = 5-2]			
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-7]			
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98151

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Epidermis	Hyperplasia	Focal, Mild
		Ulcer	Moderate
[Hyperplasia TGLS = 6-22]			
[Ulcer TGLS = 6-22, 7-23]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 323
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 94172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
AUTO PRECLUDES DIAG.			
* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Thyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
		Inflammation	Chronic, Minimal
* Lung		Congestion	Moderate
		Hemorrhage	Focal, Mild
		Infiltration Cellular	Mixed Cell, Moderate
[Congestion TGLS = 2-2]			
[Hemorrhage TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Eye	Cornea	Necrosis	Focal, Marked
[Necrosis TGLS = 9-44]			
* Heart		Cardiomyopathy	Moderate
		Thrombosis	Moderate
[Thrombosis TGLS = 10-5, 10-24]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Focal, Mild
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Marked
		Leukemia Mononuclear	
[Inflammation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6, 6-22]			
* Lung		Inflammation	Chronic, Focal, Marked
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Histiocytic, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99212

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Hemorrhage TGLS = 8-3]			
[Hyperplasia TGLS = 3-23, 8-3]			
[Leukemia Mononuclear TGLS = 8-3]			
[Leukemia Mononuclear TGLS = 3-23]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Pituitary Gland		Cyst	
* Spleen		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6, 2-21]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Eye		Atrophy	Moderate
[Atrophy TGLS = 3-44]			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 2-6]			
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99213

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 538
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* 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	* Nose	* Ovary
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Histiocytosis	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-2, 7-2-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 6-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 538
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96049

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-21]			
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Mild
		Leukemia Mononuclear	
* Pituitary Gland		Cyst	
Spinal Cord	Dura	Leukemia Mononuclear	
Note: Infiltrate of leukemic cells involves dura and epidural space, not the spinal cord itself.			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Clitoral Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Histiocytic, Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Clear Cell Focus TGLS = 2-6]			
[Histiocytosis TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-3]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-5]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99215

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	Oviduct	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
		Thrombosis	Moderate
[Thrombosis TGLS = 11-5]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Marked
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatocellular Adenoma	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-6]			
[Degeneration TGLS = 3-6]			
[Hepatocellular Adenoma TGLS = 3-6]			
[Mixed Cell Focus TGLS = 4-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99230

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Focal, Minimal
[Hyperplasia TGLS = 14-21]			
[Inflammation TGLS = 14-21]			
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Hemorrhage TGLS = 2-7]			
[Hyperplasia TGLS = 7-3]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 5-5]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland		Angiectasis	Mild
[Angiectasis TGLS = 13-1]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Focal, Mild
[Adenoma TGLS = 10-3]			
[Hyperplasia TGLS = 9-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Hyperplasia	Focal, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-7]			
* Nose	Nasolacrim Dct	Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99231

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 6-23]			
* Spleen	Capsule	Infiltration Cellular	Mixed Cell, Focal, Minimal
[Infiltration Cellular TGLS = 1-21]			
* Thyroid Gland	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	Spinal Cord	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Thyroid Gland	

OBSERVATIONS

* Heart		Cardiomyopathy	Marked
		Thrombosis	Marked
[Thrombosis TGLS = 8-5-1]			
* Liver		Congestion	Moderate
		Degeneration	Cystic, Focal, Moderate
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Congestion TGLS = 3-6]			
[Degeneration TGLS = 3-6]			
* Lung		Congestion	Mild
		Inflammation	Chronic, Focal, Minimal
[Congestion TGLS = 4-2]			
* Ovary	Periovarn Tiss	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98258

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-1]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-21]			
* Stomach, Forestomach		Ulcer	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Heart Thrombosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Focal, Mild
[Hyperplasia TGLS = 6-21]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
* Pituitary Gland		Angiectasis	Moderate
[Angiectasis TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99216

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Inflammation TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hyperplasia	Histiocytic, Moderate
	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-7]			
[Hyperplasia TGLS = 4-3]			
* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Skin	Pinna	Neural Crest Tumor	
[Neural Crest Tumor TGLS = 5-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97740

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Skin Pinna Neural Crest Tumor

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Moderate
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 3-21]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
* Pituitary Gland		Cyst	
	Pars Distalis	Degeneration	Cystic, Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	Vagina	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
[Hydronephrosis TGLS = 4-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
* Urinary Bladder		Inflammation	Mild
[Inflammation TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99218

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 6-6]			
[Fatty Change TGLS = 6-6]			
[Hepatodiaphragmatic Nodule TGLS = 7-21]			
[Inflammation TGLS = 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99219

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 3-22]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Minimal
	Pars Distalis	Hypertrophy	Focal, Moderate
* Thyroid Gland	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 99348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Rectum
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Thymus	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
		Thrombosis	Marked
[Thrombosis TGLS = 4-5]			
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Histiocytosis TGLS = 3-6]			
* Lung		Congestion	Mild
Note: Passive congestion secondary to congestive heart failure.			

PRIMARY CAUSE OF DEATH - Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Adrenal Medulla		Angiectasis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Histiocytosis TGLS = 6-6]			
[Leukemia Mononuclear TGLS = 3-6, 6-6]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 96050

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Maxilla	Sarcoma	
[Sarcoma TGLS = 6-22, 6-9-1]			
* Eye		Atrophy	Moderate
[Atrophy TGLS = 5-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Infarct	Mild
		Nephropathy	Moderate
[Infarct TGLS = 1-23]			
[Nephropathy TGLS = 1-23]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Fatty Change TGLS = 2-6]			
[Histiocytosis TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99079

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 2-6]			
Lymph Node		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 4-3]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Focal, Mild
[Angiectasis TGLS = 2-10]			
* Bone Marrow			
Note: Blood in bone marrow is judged to be necropsy artifact.			
* Eye	Antr Chamber	Exudate	Moderate
[Exudate TGLS = 5-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Fatty Change TGLS = 3-6]			
[Histiocytosis TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99080

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Renal	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 4-21]			
* Nose	Nasolacrim Dct	Inflammation	Moderate
* Pancreas	Acinus	Atrophy	Focal, Minimal
	Duct	Cyst	Focal, Multiple, Minimal
* Thyroid Gland	Follicle	Degeneration	Focal, Minimal
	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Vacuolization Cytoplasmic	Focal, Mild
* Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
		Inflammation	Chronic, Moderate
[Cataract TGLS = 6-44]			
[Inflammation TGLS = 6-44]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Hepatocellular Adenoma	
		Histiocytosis	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 4-21]			
[Histiocytosis TGLS = 3-6]			
[Inflammation TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99081

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 1-8]			
* Nose	Nasolacrim Dct	Inflammation	Moderate
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Eye		Synechia	Moderate
[Synechia TGLS = 8-44, 8-44-1]			
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Fatty Change	Focal, Minimal
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6, 5-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
[Inflammation TGLS = 6-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Duct	Cyst	Focal, Multiple, Minimal
* Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99082

ORGAN AND ACCOUNTABLE SITE STATUS

[Basal Cell Adenoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Tissue NOS	Mediastinum	Leukemia Mononuclear	
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
[Infiltration Cellular TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Histiocytosis TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99083

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Minimal
* Spleen		Inflammation	Granulomatous, Mild
		Leukemia Mononuclear	
[Inflammation TGLS = 2-21]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Fatty Change	Focal, Mild
		Hemorrhage	Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 13-23]			
[Leukemia Mononuclear TGLS = 7-21, 8-21, 9-22]			
* Lung		Hyperplasia	Histiocytic, Focal, Moderate
		Inflammation	Chronic, Focal, Moderate
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98700

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Duct	Cyst	Focal, Multiple, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal
Tissue NOS	Mediastinum	Leukemia Mononuclear	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-24]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Histiocytic, Focal, Mild
		Infiltration Cellular	Mixed Cell, Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99221

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	Tongue	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Histiocytic, Focal, Mild
* Eye	Retina	Degeneration	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 368
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 94548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Focal, Minimal
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 7-21, 9-22]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Leukemia Mononuclear	
Spinal Cord		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 368
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 94548

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Glandular		Erosion	Mild
		Leukemia Mononuclear	
[Erosion TGLS = 11-4]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Urinary Bladder		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 2-8]			
[Leukemia Mononuclear TGLS = 2-8]			

PRIMARY CAUSE OF DEATH	- Lymph Node Mediastinal Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Lymph Node Pancreatic Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 6-22]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Pancreatic	Hyperplasia	Histiocytic, Moderate
[Hyperplasia TGLS = 3-7]			
Mesentery	Fat	Necrosis	Focal, Minimal
[Necrosis TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99223

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Focal, Moderate
* Thyroid Gland	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Harderian Gland	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 9-10]			
* Brain		Compression	Focal, Moderate
[Compression TGLS = 7-1]			
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung		Congestion	Mild
[Congestion TGLS = 10-2]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98701

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-8]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
Vagina		Angiectasis	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Clitoral Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99224

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 666
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Atrophy	Moderate
* Heart		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Moderate
		Leukemia Mononuclear	
[Histiocytosis TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-23]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	
Note: TGL 10-22 is axillary lymph node.			
[Leukemia Mononuclear TGLS = 10-22]			
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 666
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 98217

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-5]			
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6, 5-6.1]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
Mesentery		Leukemia Mononuclear	
Spinal Cord		Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 5000 PPM	**DISP:** Natural Death	**HISTO:** 98702

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 6-4-1]			
* Thymus		Leukemia Mononuclear	
Tissue NOS	Mediastinum	Leukemia Mononuclear	
* Urinary Bladder		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-8]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 4-21]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Spleen		Fibrosis	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99225

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Fibrosis TGLS = 5-6, 5-22]			
[Leukemia Mononuclear TGLS = 1-6]			
* Thyroid Gland	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Pancreas	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	Tongue
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6, 3-21, 4-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Mild
[Inflammation TGLS = 6-9, 6-9-1, 6-23]			
* Parathyroid Gland		Hyperplasia	Focal, Mild
* Pituitary Gland		Cyst	
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99232

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Histiocytosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 2-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 4-21]			
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hyperplasia	Histiocytic, Moderate
[Ectasia TGLS = 3-3]			
[Hyperplasia TGLS = 3-3]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99226

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: 5000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 99227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Fatty Change	Focal, Moderate
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 1-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Nasolacrim Dct	Inflammation	Mild
[Inflammation TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Focal, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	Spinal Cord	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3]			
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97741

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Pancreas	Acinus	Atrophy	Focal, Mild
	Duct	Cyst	Focal, Multiple, Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 10-1]			
* Skin	Lip	Cyst Epithelial Inclusion	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Minimal
		Ulcer	Minimal
* Stomach, Glandular		Erosion	Minimal
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Mammary Gland
* Nose	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Focal, Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Fatty Change	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Histiocytosis	Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Vacuolization Cytoplasmic TGLS = 7-6]			
* Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-7]			
[Hyperplasia TGLS = 6-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 5000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 97742

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Angiectasis	Moderate
[Angiectasis TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Focal, Minimal
* Pituitary Gland		Cyst	
	Pars Distalis	Hypertrophy	Focal, Minimal
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
	Follicle	Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE