C Number:	C97013J
Lock Date:	07/19/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

ANIMAL ID: 1101	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen	Stomach, Forestomach
Testes	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Mild
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Pituitary Gland		Cyst	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1102	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Pituitary Gland	Spleen
Stomach, Forestomach	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 1-3+4]			
Lymph Node, Mesenteric		Atrophy	Mild
Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1103	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1104	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Testes	Thyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1105	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 221
	DOSE: 0 MG/L	**DISP:** Moribund Sacrifice	**HISTO:** 2005685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Testes
Thyroid Gland			
OBSERVATIONS			
Adrenal Cortex		Lymphoma Malignant	
Epididymis		Lymphoma Malignant	
Intestine Small, Duodenum		Lymphoma Malignant	
Intestine Small, Ileum		Lymphoma Malignant	
Intestine Small, Jejunum		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver	Hepatocyte	Fatty Change	Mild
		Lymphoma Malignant	
Note: The lipid-like vacuoles were considered to be secondary to lymphoma and were therefore not diagnosed as vacuolar change.			
Lung		Lymphoma Malignant	
Lymph Node, Mandibular		Lymphoma Malignant	
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
Pituitary Gland		Cyst	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
Stomach, Forestomach	Epithelium	Hyperplasia	Mild
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1106	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

OBSERVATIONS

Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Mild
Lacrimal Gland		Inflammation	Mild
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Pituitary Gland		Cyst	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1107	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Kidney		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Pituitary Gland		Cyst	Minimal
Testes	Germinal Epith	Degeneration	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1108	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Mild
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1109	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Mild
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1110	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Testes	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1111	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Testes	Thyroid Gland

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1112	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Epididymis			
Note: Unilateral hypospermia.			
Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Testes	Germinal Epith	Degeneration	Mild
		Mineralization	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1113	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
Testes	Thyroid Gland		

OBSERVATIONS

Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Hepatocellular Adenoma TGLS = 1-6]			
Pituitary Gland		Cyst	Minimal
Stomach, Forestomach	Epithelium	Hyperplasia	Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1114	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Spleen	Stomach, Forestomach	Testes	Thyroid Gland

OBSERVATIONS

Adren Cortex			
Note: One adrenal missing at trim.			
Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Pituitary Gland		Cyst	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1115	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Thyroid Gland	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
Testes	Germinal Epith	Degeneration	Minimal
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1116	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Parathyroid Gland		Cyst	Mild
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1117	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen	Stomach, Forestomach
Testes	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Pituitary Gland		Cyst	Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1118	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1119	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Pituitary Gland	Spleen	Stomach, Forestomach	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1120	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney		Nephropathy	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 277
	DOSE: 350 MG/L	**DISP:** Natural Death	**HISTO:** 2005701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

MISSING

Intestine Small, Jejunum

OBSERVATIONS

Adren Cortex			
Note: Only one adrenal present.			
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 1-6]			
Thymus		Atrophy	Mild
		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

Animal Note: There was marked autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
Stomach, Forestomach	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Adren Cortex			
Note: Only 1 adrenal present.			
Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Pituitary Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Epididymis
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Spleen	Stomach, Forestomach	Testes	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Pituitary Gland		Cyst	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Adren Cortex			
Note: Only 1 present.			
Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Testes	Thyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Moderate
	Renal Tubule	Dilatation	Minimal
		Mineralization	Mild
		Nephropathy	Mild
[Nephropathy TGLS = 1,2-3+6]			
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen	Stomach, Forestomach
Thymus	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Pituitary Gland		Cyst	Minimal
Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Minimal
[Nephropathy TGLS = 1-3+4]			
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Kidney	Renal Tubule	Degeneration	Moderate
		Nephropathy	Mild
[Nephropathy TGLS = 1-3+4]			
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
Liver	Hepatocyte	Fatty Change	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1131	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Esophagus	Muscularis	Degeneration	Minimal
Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Pituitary Gland		Cyst	Minimal
Testes	Germinal Epith	Degeneration	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1132	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Salivary Glands		Inflammation	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1133	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Moderate
	Renal Tubule	Dilatation	Minimal
		Nephropathy	Mild
Liver		Atypia Cellular	Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Cytomegaly, karyomegaly, and abnormal mitoses.			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: Associated diffuse infiltration of eosinophilic histiocytes.			
[Alveolar/Bronchiolar Carcinoma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1134	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
Stomach, Forestomach	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
Lacrimal Gland		Inflammation	Mild
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Pituitary Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1135	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Harderian Gland		Inflammation	Mild
Kidney	Renal Tubule	Degeneration	Moderate
		Nephropathy	Mild
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1136	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 170
	DOSE: 700 MG/L	**DISP:** Moribund Sacrifice	**HISTO:** 2005716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Pituitary Gland	Stomach, Forestomach	Testes
Thyroid Gland			

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Necrosis	Minimal
		Nephropathy	Minimal
Liver		Inflammation	Minimal
		Necrosis	Mild
Note: Liver Necrosis is Single Cell.			
Lymph Node, Mandibular		Atrophy	Mild
Lymph Node, Mesenteric		Atrophy	Mild
Spleen		Atrophy	Mild
Thymus		Atrophy	Marked
		Cyst	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1137	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Spleen	Stomach, Forestomach	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Minimal
[Nephropathy TGLS = 1-3+4]			
Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1138	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen	Stomach, Forestomach
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Mild
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Pituitary Gland		Cyst	Minimal
Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1139	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 95
	DOSE: 700 MG/L	**DISP:** Moribund Sacrifice	**HISTO:** 2005719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland
Stomach, Forestomach	Testes	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Marked
		Mineralization	Moderate
[Degeneration TGLS = 2-3+4]			
Liver		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Liver Necrosis is Single Cell.			
Spleen		Atrophy	Mild
[Atrophy TGLS = 1-1]			
Thymus		Atrophy	Moderate
		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Kidney Mineralization

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1140	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 246
	DOSE: 700 MG/L	**DISP:** Moribund Sacrifice	**HISTO:** 2005720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Epididymis	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Pituitary Gland	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Moderate
		Hydronephrosis	Minimal
[Degeneration TGLS = 2-3+4]			
[Hydronephrosis TGLS = 3-3+4]			
Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node, Mesenteric		Atrophy	Mild
Prostate		Sarcoma	
Note: Morphology consistent with malignant fibrous histiocytoma (not in lexicon). No prostatic tissue in section, only a vas deferens.			
[Sarcoma TGLS = 1-6]			
Spleen		Atrophy	Mild
Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
Testes	Germinal Epith	Degeneration	Minimal
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Prostate Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1141	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 287
	DOSE: 0 MG/L	**DISP:** Moribund Sacrifice	**HISTO:** 2005721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Pituitary Gland	Stomach, Forestomach
Thyroid Gland	Uterus		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Minimal
Lung		Carcinoma	Metastatic (Skin)
Lymph Node	Renal	Carcinoma	Metastatic (Skin)
		Carcinoma	Metastatic (Skin)
Note: The lymph nodes are subcutaneous and in secton with TGL's 1 and 4.			
[Carcinoma TGLS = 5-9]			
Lymph Node, Mandibular		Atrophy	Moderate
Lymph Node, Mesenteric		Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
Ovary		Cyst	Minimal
Skin		Carcinoma	
		Ulcer	Moderate
Note: There is extensive epidermal hyperplasia, hyperkeratosis, and inflammation associated with the ulcers. The tumor could be of ductal or squamous cell origin.			
[Carcinoma TGLS = 1,4-6+8]			
[Ulcer TGLS = 2-7]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-1]			
Thymus		Atrophy	Moderate
		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Skin Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1142	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1143	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Casts Protein	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1144	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thymus	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Nephropathy	Minimal
Liver		Inflammation	Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1145	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1146	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Ovary		Cyst	Minimal
Thymus		Cyst	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1147	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Lymph Node, Mesenteric
Ovary	Pituitary Gland	Spleen	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver		Infiltration Cellular	Lymphocyte, Moderate
		Inflammation	Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lung		Infiltration Cellular	Lymphocyte, Mild
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1148	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Spleen	Stomach, Forestomach	Thymus
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Ovary		Cyst	Minimal
Pituitary Gland		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1149	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Thymus		Atrophy	Mild
		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1150	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 0 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1151	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1152	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1153	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pituitary Gland
Spleen	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1154	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lymph Node, Mandibular
Lymph Node, Mesenteric	Pituitary Gland	Spleen	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Bone	Vertebra	Osteosarcoma	
Note: The primary site of the tumor was the vertebra. The rib nodules are either an extension from the pleural/nediastinal metastatic foci or a direct metastasis.			
[Osteosarcoma TGLS = 1,4-6+7]			
Liver		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 2-1]			
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Bone)
Ovary		Angiectasis	Minimal
Pleura		Osteosarcoma	Metastatic (Bone)
Note: Mediastinum is a more accurate site.			
[Osteosarcoma TGLS = 3-5]			
Thymus		Atrophy	Mild
Note: Nodules considered to be in the thymus at necropsy appear to be within mediastinal lymph nodes or within the mediastinum.			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1155	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pituitary Gland
Spleen	Stomach, Forestomach	Thymus	Thyroid Gland

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1156	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		
OBSERVATIONS			
Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver		Infiltration Cellular	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1157	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Pituitary Gland	Spleen	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Ovary		Cyst	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1158	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Thyroid Gland	Uterus		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Bone	Vertebra	Osteosarcoma	
[Osteosarcoma TGLS = 1-6]			
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1159	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 183
	DOSE: 175 MG/L	**DISP:** Moribund Sacrifice	**HISTO:** 2005739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Ovary	Pituitary Gland
Thyroid Gland	Uterus		
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Moderate
Liver	Hepatocyte	Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Moderate
Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 4-8]			
Lymph Node	Mediastinal	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 3-7]			
Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Minimal
Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-6]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-1]			
Stomach, Forestomach		Hyperkeratosis	Mild
PRIMARY CAUSE OF DEATH	- Mesentery Fat Necrosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1160	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 175 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Pituitary Gland	Spleen	Stomach, Forestomach
Thymus	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Ovary		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1161	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Salivary Glands		Atrophy	Mild
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1162	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Nephropathy	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Thymus		Cyst	Minimal
Thyroid Gland		Inflammation	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1163	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pituitary Gland
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver		Infiltration Cellular	Lymphocyte, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Stomach, Forestomach		Inflammation	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1164	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Pituitary Gland	Spleen	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Nephropathy	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Ovary		Cyst	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1165	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thymus	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1166	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland	Uterus	
OBSERVATIONS			
Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1167	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Nephropathy	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1168	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland	Uterus	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1169	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Spleen	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Nephropathy	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Pituitary Gland	Pars Intermed	Hyperplasia	Mild
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1170	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 350 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mesenteric
Ovary	Pituitary Gland	Spleen	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Hyperplasia	Atypical, Mild
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1171	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pituitary Gland
Spleen	Stomach, Forestomach	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver	Hepatocyte	Fatty Change	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1172	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 57
	DOSE: 700 MG/L	**DISP:** Natural Death	**HISTO:** 2005752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mesenteric	Ovary	Pituitary Gland	Thyroid Gland
Uterus			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Accumulation, Hyaline Droplet	Minimal
		Mineralization	Mild
Liver	Serosa	Inflammation	Minimal
		Necrosis	Mild
Mesentery		Inflammation	Mild
Ovary			
Note: Only 1 ovary present.			
Spleen		Atrophy	Marked
Stomach, Forestomach		Hyperkeratosis	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Suppurative inflammation in the mesentery suggests a possible gastrointestinal p erforation.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1173	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Liver	Hepatocyte	Fatty Change	Mild
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Pituitary Gland		Hyperplasia	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1174	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pituitary Gland
Spleen	Stomach, Forestomach	Thyroid Gland	

OBSERVATIONS

Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Fatty Change	Mild
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1175	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Ovary		Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1176	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Lymph Node, Mesenteric
Ovary	Pituitary Gland	Spleen	Stomach, Forestomach
Thyroid Gland			

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lung		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1177	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pituitary Gland	Spleen
Stomach, Forestomach	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Ovary		Cyst	Mild
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1178	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pituitary Gland
Spleen	Stomach, Forestomach	Thyroid Gland	Uterus

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver	Hepatocyte	Fatty Change	Mild
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1179	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 231
	DOSE: 700 MG/L	**DISP:** Moribund Sacrifice	**HISTO:** 2005759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Pituitary Gland	Thyroid Gland	Uterus

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-6]			
Ovary		Cyst	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			
Stomach, Forestomach		Hyperkeratosis	Minimal
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1180	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 297
	DOSE: 700 MG/L	**DISP:** Terminal Sacrifice	**HISTO:** 2005760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pituitary Gland
Spleen	Stomach, Forestomach	Thyroid Gland	Uterus

OBSERVATIONS

Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE